

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG No.: BN100224  
Instrument ID: BNA\_N Calibration Date/Time: 10/2/2024 1:12:22  
Lab File ID: BN034333.D Init. Calib. Date(s): \_\_\_\_\_  
EPA Sample No.: SSTD020327 Init. Calib. Time(s): \_\_\_\_\_  
GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.517 | 0.525  | 0.010   | 1.4722   | 40.0  |
| Benzaldehyde                | 0.937 | 0.953  | 0.010   | 1.6973   | 40.0  |
| Pyridine                    | 1.491 | 1.324  | 0.010   | -11.1601 | 40.0  |
| Phenol                      | 1.848 | 1.578  | 0.080   | -14.6346 | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.436 | 1.299  | 0.100   | -9.5491  | 20.0  |
| 2-Chlorophenol              | 1.432 | 1.410  | 0.200   | -1.5141  | 20.0  |
| 2-Methylphenol              | 1.381 | 1.208  | 0.010   | -12.5708 | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 2.118 | 1.721  | 0.010   | -18.7739 | 40.0  |
| Acetophenone                | 2.314 | 1.895  | 0.060   | -18.1147 | 20.0  |
| 4-Methylphenol              | 1.537 | 1.311  | 0.010   | -14.7407 | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.146 | 0.895  | 0.050   | -21.8704 | 30.0  |
| Hexachloroethane            | 0.604 | 0.596  | 0.100   | -1.2975  | 20.0  |
| Nitrobenzene                | 0.399 | 0.373  | 0.050   | -6.6013  | 25.0  |
| Isophorone                  | 0.736 | 0.641  | 0.050   | -12.9251 | 25.0  |
| 2-Nitrophenol               | 0.183 | 0.193  | 0.050   | 5.2595   | 25.0  |
| 2,4-Dimethylphenol          | 0.377 | 0.347  | 0.050   | -8.0498  | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.453 | 0.425  | 0.050   | -6.1787  | 20.0  |
| 2,4-Dichlorophenol          | 0.313 | 0.329  | 0.060   | 5.2376   | 20.0  |
| Naphthalene                 | 1.094 | 1.108  | 0.200   | 1.2844   | 20.0  |
| 4-Chloroaniline             | 0.461 | 0.424  | 0.010   | -8.0004  | 40.0  |
| Hexachlorobutadiene         | 0.201 | 0.223  | 0.040   | 11.2899  | 30.0  |
| Caprolactam                 | 0.124 | 0.113  | 0.010   | -9.561   | 40.0  |
| 4-Chloro-3-methylphenol     | 0.368 | 0.319  | 0.040   | -13.3942 | 25.0  |
| 1-Methylnaphthalene         | 0.763 | 0.754  | 0.100   | -1.1683  | 20.0  |
| 2-Methylnaphthalene         | 0.754 | 0.739  | 0.100   | -1.8718  | 20.0  |
| Hexachlorocyclopentadiene   | 0.355 | 0.348  | 0.010   | -2.0481  | 40.0  |
| 2,4,6-Trichlorophenol       | 0.383 | 0.408  | 0.090   | 6.6702   | 25.0  |
| 2,4,5-Trichlorophenol       | 0.420 | 0.457  | 0.100   | 8.6009   | 25.0  |
| 1,1-Biphenyl                | 1.508 | 1.500  | 0.200   | -0.5398  | 20.0  |
| 2-Chloronaphthalene         | 1.175 | 1.204  | 0.300   | 2.5373   | 20.0  |
| 2-Nitroaniline              | 0.380 | 0.307  | 0.050   | -19.1214 | 40.0  |
| Dimethylphthalate           | 1.523 | 1.455  | 0.300   | -4.504   | 20.0  |
| 2,6-Dinitrotoluene          | 0.300 | 0.300  | 0.080   | -0.1399  | 30.0  |
| Acenaphthylene              | 1.840 | 1.854  | 0.400   | 0.745    | 20.0  |
| 3-Nitroaniline              | 0.331 | 0.311  | 0.010   | -6.2398  | 40.0  |
| Acenaphthene                | 1.314 | 1.289  | 0.200   | -1.8792  | 20.0  |
| 2,4-Dinitrophenol           | 0.176 | 0.166  | 0.010   | -6.0452  | 40.0  |
| 4-Nitrophenol               | 0.261 | 0.240  | 0.010   | -7.9816  | 40.0  |
| Dibenzofuran                | 1.796 | 1.776  | 0.300   | -1.1118  | 20.0  |

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG No.: BN100224

Instrument ID: BNA\_N Calibration Date/Time: 10/2/2024 1:12:22

Lab File ID: BN034333.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020327 Init. Calib. Time(s): \_\_\_\_\_

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| 2,4-Dinitrotoluene            | 0.452 | 0.433  | 0.070      | -4.2594  | 30.0  |
| Diethylphthalate              | 1.592 | 1.443  | 0.300      | -9.3216  | 20.0  |
| Fluorene                      | 1.469 | 1.436  | 0.200      | -2.2441  | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.712 | 0.698  | 0.100      | -1.9958  | 20.0  |
| 4-Nitroaniline                | 0.341 | 0.312  | 0.010      | -8.4632  | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.132 | 0.122  | 0.010      | -7.6253  | 40.0  |
| N-Nitrosodiphenylamine        | 0.599 | 0.606  | 0.050      | 1.0436   | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.577 | 0.644  | 0.100      | 11.5517  | 20.0  |
| 4-Bromophenyl-phenylether     | 0.203 | 0.221  | 0.070      | 9.0207   | 20.0  |
| Hexachlorobenzene             | 0.236 | 0.257  | 0.050      | 9.2321   | 25.0  |
| Atrazine                      | 0.217 | 0.216  | 0.010      | -0.6     | 25.0  |
| Pentachlorophenol             | 0.157 | 0.166  | 0.010      | 5.5623   | 40.0  |
| Phenanthrene                  | 1.103 | 1.098  | 0.200      | -0.3995  | 20.0  |
| Pentachlorobenzene            | 0.283 | 0.319  | 0.050      | 12.5214  | 20.0  |
| Anthracene                    | 1.126 | 1.115  | 0.200      | -0.9861  | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.278 | 0.322  | 0.050      | 15.7255  | 20.0  |
| Carbazole                     | 1.036 | 1.007  | 0.050      | -2.8755  | 40.0  |
| Di-n-butylphthalate           | 1.318 | 1.242  | 0.500      | -5.7331  | 25.0  |
| Fluoranthene                  | 1.303 | 1.310  | 0.400      | 0.5678   | 25.0  |
| Pyrene                        | 1.400 | 1.388  | 0.400      | -0.8687  | 25.0  |
| Butylbenzylphthalate          | 0.628 | 0.575  | 0.100      | -8.368   | 40.0  |
| 3,3-Dichlorobenzidine         | 0.449 | 0.450  | 0.010      | 0.1346   | 40.0  |
| Benzo (a) anthracene          | 1.426 | 1.414  | 0.300      | -0.8361  | 30.0  |
| Chrysene                      | 1.361 | 1.354  | 0.200      | -0.4892  | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.919 | 0.878  | 0.200      | -4.467   | 40.0  |
| Di-n-octyl phthalate          | 1.331 | 1.200  | 0.010      | -9.8285  | 40.0  |
| Benzo (b) fluoranthene        | 1.219 | 1.191  | 0.200      | -2.3281  | 25.0  |
| Benzo (k) fluoranthene        | 1.203 | 1.234  | 0.200      | 2.5622   | 25.0  |
| Benzo (a) pyrene              | 1.152 | 1.170  | 0.200      | 1.5477   | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.427 | 1.560  | 0.200      | 9.3181   | 25.0  |
| Dibenzo (a,h) anthracene      | 1.154 | 1.252  | 0.200      | 8.4901   | 30.0  |
| Benzo (g,h,i) perylene        | 1.108 | 1.228  | 0.200      | 10.8512  | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.349 | 0.370  | 0.040      | 6.1122   | 20.0  |
| 1,4-Dioxane-d8                | 0.490 | 0.521  | 0.010      | 6.2345   | 25.0  |
| Pyridine-d5                   | 1.457 | 1.314  | 0.010      | -9.7971  | 40.0  |
| Phenol-d5                     | 1.775 | 1.510  | 0.010      | -14.9207 | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.101 | 0.944  | 0.050      | -14.3057 | 25.0  |
| 2-Chlorophenol-d4             | 1.397 | 1.398  | 0.200      | 0.075    | 20.0  |
| 4-Methylphenol-d8             | 1.461 | 1.244  | 0.010      | -14.8444 | 20.0  |

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Instrument ID: BNA\_N Calibration Date/Time: 10/2/2024 1:12:22

Lab File ID: BN034333.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020327 Init. Calib. Time(s): \_\_\_\_\_

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.159 | 0.166  | 0.050      | 4.1479   | 20.0  |
| 2-Nitrophenol-d4              | 0.164 | 0.177  | 0.050      | 7.9005   | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.309 | 0.330  | 0.060      | 6.8063   | 20.0  |
| 4-Chloroaniline-d4            | 0.467 | 0.435  | 0.010      | -6.9272  | 40.0  |
| Dimethylphthalate-d6          | 1.495 | 1.443  | 0.300      | -3.4513  | 20.0  |
| Acenaphthylene-d8             | 1.681 | 1.698  | 0.400      | 1.0056   | 20.0  |
| 4-Nitrophenol-d4              | 0.307 | 0.258  | 0.010      | -16.0262 | 40.0  |
| Fluorene-d10                  | 1.267 | 1.252  | 0.100      | -1.1484  | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.119 | 0.110  | 0.010      | -7.6537  | 40.0  |
| Anthracene-d10                | 0.940 | 0.937  | 0.300      | -0.3115  | 20.0  |
| Pyrene-d10                    | 1.114 | 1.109  | 0.300      | -0.4935  | 25.0  |
| Benzo(a)pyrene-d12            | 1.027 | 1.062  | 0.010      | 3.3295   | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG No.: BN100224

Instrument ID: BNA\_N Calibration Date/Time: 10/2/2024 1: 21:32

Lab File ID: BN034346.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020328 Init. Calib. Time(s): \_\_\_\_\_

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                    | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-----------------------------|-------|--------|------------|----------|-------|
| 1,4-Dioxane                 | 0.517 | 0.483  | 0.010      | -6.5776  | 40.0  |
| Benzaldehyde                | 0.937 | 0.705  | 0.010      | -24.7753 | 40.0  |
| Pyridine                    | 1.491 | 1.269  | 0.010      | -14.8493 | 40.0  |
| Phenol                      | 1.848 | 1.552  | 0.080      | -16.024  | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.436 | 1.270  | 0.100      | -11.6075 | 20.0  |
| 2-Chlorophenol              | 1.432 | 1.363  | 0.200      | -4.8051  | 20.0  |
| 2-Methylphenol              | 1.381 | 1.189  | 0.010      | -13.9125 | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 2.118 | 1.676  | 0.010      | -20.8653 | 40.0  |
| Acetophenone                | 2.314 | 1.909  | 0.060      | -17.4823 | 20.0  |
| 4-Methylphenol              | 1.537 | 1.265  | 0.010      | -17.7165 | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.146 | 0.925  | 0.050      | -19.268  | 30.0  |
| Hexachloroethane            | 0.604 | 0.563  | 0.100      | -6.6942  | 20.0  |
| Nitrobenzene                | 0.399 | 0.343  | 0.050      | -13.9113 | 25.0  |
| Isophorone                  | 0.736 | 0.630  | 0.050      | -14.3436 | 25.0  |
| 2-Nitrophenol               | 0.183 | 0.183  | 0.050      | 0.0099   | 25.0  |
| 2,4-Dimethylphenol          | 0.377 | 0.334  | 0.050      | -11.6388 | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.453 | 0.410  | 0.050      | -9.4107  | 20.0  |
| 2,4-Dichlorophenol          | 0.313 | 0.313  | 0.060      | 0.2596   | 20.0  |
| Naphthalene                 | 1.094 | 1.063  | 0.200      | -2.8069  | 20.0  |
| 4-Chloroaniline             | 0.461 | 0.392  | 0.010      | -14.9052 | 40.0  |
| Hexachlorobutadiene         | 0.201 | 0.208  | 0.040      | 3.5992   | 30.0  |
| Caprolactam                 | 0.124 | 0.097  | 0.010      | -22.0678 | 40.0  |
| 4-Chloro-3-methylphenol     | 0.368 | 0.298  | 0.040      | -19.0611 | 25.0  |
| 1-Methylnaphthalene         | 0.763 | 0.715  | 0.100      | -6.31    | 20.0  |
| 2-Methylnaphthalene         | 0.754 | 0.698  | 0.100      | -7.4155  | 20.0  |
| Hexachlorocyclopentadiene   | 0.355 | 0.330  | 0.010      | -7.1205  | 40.0  |
| 2,4,6-Trichlorophenol       | 0.383 | 0.387  | 0.090      | 1.0915   | 25.0  |
| 2,4,5-Trichlorophenol       | 0.420 | 0.426  | 0.100      | 1.3098   | 25.0  |
| 1,1-Biphenyl                | 1.508 | 1.467  | 0.200      | -2.6772  | 20.0  |
| 2-Chloronaphthalene         | 1.175 | 1.164  | 0.300      | -0.8812  | 20.0  |
| 2-Nitroaniline              | 0.380 | 0.279  | 0.050      | -26.4972 | 40.0  |
| Dimethylphthalate           | 1.523 | 1.387  | 0.300      | -8.9524  | 20.0  |
| 2,6-Dinitrotoluene          | 0.300 | 0.280  | 0.080      | -6.5284  | 30.0  |
| Acenaphthylene              | 1.840 | 1.842  | 0.400      | 0.124    | 20.0  |
| 3-Nitroaniline              | 0.331 | 0.253  | 0.010      | -23.772  | 40.0  |
| Acenaphthene                | 1.314 | 1.244  | 0.200      | -5.2615  | 20.0  |
| 2,4-Dinitrophenol           | 0.176 | 0.142  | 0.010      | -19.2589 | 40.0  |
| 4-Nitrophenol               | 0.261 | 0.197  | 0.010      | -24.2234 | 40.0  |
| Dibenzofuran                | 1.796 | 1.650  | 0.300      | -8.1514  | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG No.: BN100224

Instrument ID: BNA\_N Calibration Date/Time: 10/2/2024 1: 21:32

Lab File ID: BN034346.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020328 Init. Calib. Time(s): \_\_\_\_\_

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| 2,4-Dinitrotoluene            | 0.452 | 0.393  | 0.070      | -13.0808 | 30.0  |
| Diethylphthalate              | 1.592 | 1.378  | 0.300      | -13.4063 | 20.0  |
| Fluorene                      | 1.469 | 1.322  | 0.200      | -10.0574 | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.712 | 0.685  | 0.100      | -3.8799  | 20.0  |
| 4-Nitroaniline                | 0.341 | 0.239  | 0.010      | -29.9774 | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.132 | 0.115  | 0.010      | -12.8083 | 40.0  |
| N-Nitrosodiphenylamine        | 0.599 | 0.605  | 0.050      | 0.9742   | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.577 | 0.612  | 0.100      | 5.9378   | 20.0  |
| 4-Bromophenyl-phenylether     | 0.203 | 0.224  | 0.070      | 10.15    | 20.0  |
| Hexachlorobenzene             | 0.236 | 0.259  | 0.050      | 9.9364   | 25.0  |
| Atrazine                      | 0.217 | 0.196  | 0.010      | -9.7475  | 25.0  |
| Pentachlorophenol             | 0.157 | 0.156  | 0.010      | -0.4524  | 40.0  |
| Phenanthrene                  | 1.103 | 1.067  | 0.200      | -3.2359  | 20.0  |
| Pentachlorobenzene            | 0.283 | 0.318  | 0.050      | 12.1556  | 20.0  |
| Anthracene                    | 1.126 | 1.086  | 0.200      | -3.5746  | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.278 | 0.323  | 0.050      | 16.1126  | 20.0  |
| Carbazole                     | 1.036 | 0.930  | 0.050      | -10.2741 | 40.0  |
| Di-n-butylphthalate           | 1.318 | 1.193  | 0.500      | -9.4282  | 25.0  |
| Fluoranthene                  | 1.303 | 1.293  | 0.400      | -0.727   | 25.0  |
| Pyrene                        | 1.400 | 1.341  | 0.400      | -4.2464  | 25.0  |
| Butylbenzylphthalate          | 0.628 | 0.564  | 0.100      | -10.1921 | 40.0  |
| 3,3-Dichlorobenzidine         | 0.449 | 0.403  | 0.010      | -10.2161 | 40.0  |
| Benzo (a) anthracene          | 1.426 | 1.341  | 0.300      | -5.9358  | 30.0  |
| Chrysene                      | 1.361 | 1.264  | 0.200      | -7.136   | 30.0  |
| Bis (2-ethylhexyl) phthalate  | 0.919 | 0.891  | 0.200      | -3.0624  | 40.0  |
| Di-n-octyl phthalate          | 1.331 | 1.239  | 0.010      | -6.9092  | 40.0  |
| Benzo (b) fluoranthene        | 1.219 | 1.160  | 0.200      | -4.8597  | 25.0  |
| Benzo (k) fluoranthene        | 1.203 | 1.200  | 0.200      | -0.2081  | 25.0  |
| Benzo (a) pyrene              | 1.152 | 1.139  | 0.200      | -1.1092  | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.427 | 1.465  | 0.200      | 2.6374   | 25.0  |
| Dibenzo (a,h) anthracene      | 1.154 | 1.209  | 0.200      | 4.8381   | 30.0  |
| Benzo (g,h,i) perylene        | 1.108 | 1.169  | 0.200      | 5.5323   | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.349 | 0.342  | 0.040      | -2.0907  | 20.0  |
| 1,4-Dioxane-d8                | 0.490 | 0.465  | 0.010      | -5.0831  | 25.0  |
| Pyridine-d5                   | 1.457 | 1.221  | 0.010      | -16.1889 | 40.0  |
| Phenol-d5                     | 1.775 | 1.530  | 0.010      | -13.8291 | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.101 | 0.908  | 0.050      | -17.5477 | 25.0  |
| 2-Chlorophenol-d4             | 1.397 | 1.380  | 0.200      | -1.264   | 20.0  |
| 4-Methylphenol-d8             | 1.461 | 1.247  | 0.010      | -14.6028 | 20.0  |

7C

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Lab Name: CHEMTECH Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG No.: BN100224

Instrument ID: BNA\_N Calibration Date/Time: 10/2/2024 1: 21:32

Lab File ID: BN034346.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020328 Init. Calib. Time(s): \_\_\_\_\_

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.159 | 0.159  | 0.050      | -0.5256  | 20.0  |
| 2-Nitrophenol-d4              | 0.164 | 0.173  | 0.050      | 5.6809   | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.309 | 0.312  | 0.060      | 1.1878   | 20.0  |
| 4-Chloroaniline-d4            | 0.467 | 0.410  | 0.010      | -12.256  | 40.0  |
| Dimethylphthalate-d6          | 1.495 | 1.372  | 0.300      | -8.2279  | 20.0  |
| Acenaphthylene-d8             | 1.681 | 1.638  | 0.400      | -2.5821  | 20.0  |
| 4-Nitrophenol-d4              | 0.307 | 0.221  | 0.010      | -27.9868 | 40.0  |
| Fluorene-d10                  | 1.267 | 1.163  | 0.100      | -8.1616  | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.119 | 0.106  | 0.010      | -11.2966 | 40.0  |
| Anthracene-d10                | 0.940 | 0.908  | 0.300      | -3.433   | 20.0  |
| Pyrene-d10                    | 1.114 | 1.071  | 0.300      | -3.8939  | 25.0  |
| Benzo(a)pyrene-d12            | 1.027 | 0.998  | 0.010      | -2.8131  | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG No.: BN100224

Instrument ID: BNA\_N Calibration Date/Time: 10/3/2024 1:07:21

Lab File ID: BN034359.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020329 Init. Calib. Time(s): \_\_\_\_\_

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.517 | 0.489  | 0.010   | -5.4895  | 40.0  |
| Benzaldehyde                | 0.937 | 0.698  | 0.010   | -25.4643 | 40.0  |
| Pyridine                    | 1.491 | 1.311  | 0.010   | -12.0529 | 40.0  |
| Phenol                      | 1.848 | 1.581  | 0.080   | -14.4335 | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.436 | 1.267  | 0.100   | -11.772  | 20.0  |
| 2-Chlorophenol              | 1.432 | 1.415  | 0.200   | -1.2068  | 20.0  |
| 2-Methylphenol              | 1.381 | 1.208  | 0.010   | -12.548  | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 2.118 | 1.631  | 0.010   | -23.007  | 40.0  |
| Acetophenone                | 2.314 | 1.905  | 0.060   | -17.6466 | 20.0  |
| 4-Methylphenol              | 1.537 | 1.303  | 0.010   | -15.2113 | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.146 | 0.896  | 0.050   | -21.8111 | 30.0  |
| Hexachloroethane            | 0.604 | 0.568  | 0.100   | -5.9777  | 20.0  |
| Nitrobenzene                | 0.399 | 0.347  | 0.050   | -12.9368 | 25.0  |
| Isophorone                  | 0.736 | 0.621  | 0.050   | -15.6269 | 25.0  |
| 2-Nitrophenol               | 0.183 | 0.184  | 0.050   | 0.0248   | 25.0  |
| 2,4-Dimethylphenol          | 0.377 | 0.330  | 0.050   | -12.4826 | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.453 | 0.401  | 0.050   | -11.4181 | 20.0  |
| 2,4-Dichlorophenol          | 0.313 | 0.313  | 0.060   | 0.14     | 20.0  |
| Naphthalene                 | 1.094 | 1.067  | 0.200   | -2.4685  | 20.0  |
| 4-Chloroaniline             | 0.461 | 0.403  | 0.010   | -12.4354 | 40.0  |
| Hexachlorobutadiene         | 0.201 | 0.202  | 0.040   | 0.9537   | 30.0  |
| Caprolactam                 | 0.124 | 0.104  | 0.010   | -16.652  | 40.0  |
| 4-Chloro-3-methylphenol     | 0.368 | 0.307  | 0.040   | -16.6142 | 25.0  |
| 1-Methylnaphthalene         | 0.763 | 0.713  | 0.100   | -6.4657  | 20.0  |
| 2-Methylnaphthalene         | 0.754 | 0.697  | 0.100   | -7.4686  | 20.0  |
| Hexachlorocyclopentadiene   | 0.355 | 0.332  | 0.010   | -6.4364  | 40.0  |
| 2,4,6-Trichlorophenol       | 0.383 | 0.389  | 0.090   | 1.6133   | 25.0  |
| 2,4,5-Trichlorophenol       | 0.420 | 0.417  | 0.100   | -0.9349  | 25.0  |
| 1,1-Biphenyl                | 1.508 | 1.471  | 0.200   | -2.4701  | 20.0  |
| 2-Chloronaphthalene         | 1.175 | 1.170  | 0.300   | -0.4058  | 20.0  |
| 2-Nitroaniline              | 0.380 | 0.298  | 0.050   | -21.5964 | 40.0  |
| Dimethylphthalate           | 1.523 | 1.388  | 0.300   | -8.8981  | 20.0  |
| 2,6-Dinitrotoluene          | 0.300 | 0.287  | 0.080   | -4.4618  | 30.0  |
| Acenaphthylene              | 1.840 | 1.836  | 0.400   | -0.1972  | 20.0  |
| 3-Nitroaniline              | 0.331 | 0.280  | 0.010   | -15.5128 | 40.0  |
| Acenaphthene                | 1.314 | 1.248  | 0.200   | -5.0055  | 20.0  |
| 2,4-Dinitrophenol           | 0.176 | 0.172  | 0.010   | -2.4375  | 40.0  |
| 4-Nitrophenol               | 0.261 | 0.234  | 0.010   | -10.0705 | 40.0  |
| Dibenzofuran                | 1.796 | 1.713  | 0.300   | -4.6338  | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG No.: BN100224

Instrument ID: BNA\_N Calibration Date/Time: 10/3/2024 1:07:21

Lab File ID: BN034359.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020329 Init. Calib. Time(s): \_\_\_\_\_

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-------------------------------|-------|--------|---------|----------|-------|
| 2,4-Dinitrotoluene            | 0.452 | 0.429  | 0.070   | -5.1011  | 30.0  |
| Diethylphthalate              | 1.592 | 1.401  | 0.300   | -12.0109 | 20.0  |
| Fluorene                      | 1.469 | 1.404  | 0.200   | -4.4441  | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.712 | 0.691  | 0.100   | -2.9228  | 20.0  |
| 4-Nitroaniline                | 0.341 | 0.267  | 0.010   | -21.8639 | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.132 | 0.120  | 0.010   | -9.4232  | 40.0  |
| N-Nitrosodiphenylamine        | 0.599 | 0.570  | 0.050   | -4.9024  | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.577 | 0.609  | 0.100   | 5.4805   | 20.0  |
| 4-Bromophenyl-phenylether     | 0.203 | 0.203  | 0.070   | -0.0257  | 20.0  |
| Hexachlorobenzene             | 0.236 | 0.243  | 0.050   | 3.1883   | 25.0  |
| Atrazine                      | 0.217 | 0.188  | 0.010   | -13.324  | 25.0  |
| Pentachlorophenol             | 0.157 | 0.154  | 0.010   | -2.0304  | 40.0  |
| Phenanthrene                  | 1.103 | 1.050  | 0.200   | -4.8021  | 20.0  |
| Pentachlorobenzene            | 0.283 | 0.280  | 0.050   | -1.1264  | 20.0  |
| Anthracene                    | 1.126 | 1.104  | 0.200   | -1.9549  | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.278 | 0.290  | 0.050   | 4.3429   | 20.0  |
| Carbazole                     | 1.036 | 0.969  | 0.050   | -6.4992  | 40.0  |
| Di-n-butylphthalate           | 1.318 | 1.153  | 0.500   | -12.4709 | 25.0  |
| Fluoranthene                  | 1.303 | 1.242  | 0.400   | -4.6732  | 25.0  |
| Pyrene                        | 1.400 | 1.290  | 0.400   | -7.8686  | 25.0  |
| Butylbenzylphthalate          | 0.628 | 0.541  | 0.100   | -13.8821 | 40.0  |
| 3,3-Dichlorobenzidine         | 0.449 | 0.422  | 0.010   | -6.0461  | 40.0  |
| Benzo (a) anthracene          | 1.426 | 1.354  | 0.300   | -5.0402  | 30.0  |
| Chrysene                      | 1.361 | 1.297  | 0.200   | -4.6437  | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.919 | 0.824  | 0.200   | -10.3799 | 40.0  |
| Di-n-octyl phthalate          | 1.331 | 1.152  | 0.010   | -13.4669 | 40.0  |
| Benzo (b) fluoranthene        | 1.219 | 1.179  | 0.200   | -3.3527  | 25.0  |
| Benzo (k) fluoranthene        | 1.203 | 1.147  | 0.200   | -4.6315  | 25.0  |
| Benzo (a) pyrene              | 1.152 | 1.133  | 0.200   | -1.6812  | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.427 | 1.418  | 0.200   | -0.6208  | 25.0  |
| Dibenzo (a,h) anthracene      | 1.154 | 1.177  | 0.200   | 2.0634   | 30.0  |
| Benzo (g,h,i) perylene        | 1.108 | 1.157  | 0.200   | 4.4682   | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.349 | 0.363  | 0.040   | 4.075    | 20.0  |
| 1,4-Dioxane-d8                | 0.490 | 0.471  | 0.010   | -3.8193  | 25.0  |
| Pyridine-d5                   | 1.457 | 1.290  | 0.010   | -11.4405 | 40.0  |
| Phenol-d5                     | 1.775 | 1.548  | 0.010   | -12.8061 | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.101 | 0.899  | 0.050   | -18.3445 | 25.0  |
| 2-Chlorophenol-d4             | 1.397 | 1.381  | 0.200   | -1.1736  | 20.0  |
| 4-Methylphenol-d8             | 1.461 | 1.242  | 0.010   | -14.961  | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG No.: BN100224

Instrument ID: BNA\_N Calibration Date/Time: 10/3/2024 1:07:21

Lab File ID: BN034359.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020329 Init. Calib. Time(s): \_\_\_\_\_

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.159 | 0.159  | 0.050      | -0.3003  | 20.0  |
| 2-Nitrophenol-d4              | 0.164 | 0.169  | 0.050      | 3.1233   | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.309 | 0.313  | 0.060      | 1.2533   | 20.0  |
| 4-Chloroaniline-d4            | 0.467 | 0.427  | 0.010      | -8.6081  | 40.0  |
| Dimethylphthalate-d6          | 1.495 | 1.383  | 0.300      | -7.4544  | 20.0  |
| Acenaphthylene-d8             | 1.681 | 1.669  | 0.400      | -0.76    | 20.0  |
| 4-Nitrophenol-d4              | 0.307 | 0.261  | 0.010      | -14.9799 | 40.0  |
| Fluorene-d10                  | 1.267 | 1.212  | 0.100      | -4.3236  | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.119 | 0.111  | 0.010      | -6.8931  | 40.0  |
| Anthracene-d10                | 0.940 | 0.908  | 0.300      | -3.4763  | 20.0  |
| Pyrene-d10                    | 1.114 | 1.052  | 0.300      | -5.5873  | 25.0  |
| Benzo(a)pyrene-d12            | 1.027 | 0.979  | 0.010      | -4.6751  | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG No.: BN100224

Instrument ID: BNA\_N Calibration Date/Time: 10/3/2024 1:16:31

Lab File ID: BN034373.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020330 Init. Calib. Time(s): \_\_\_\_\_

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.517 | 0.522  | 0.010   | 0.8932   | 40.0  |
| Benzaldehyde                | 0.937 | 0.683  | 0.010   | -27.0568 | 40.0  |
| Pyridine                    | 1.491 | 1.264  | 0.010   | -15.1953 | 40.0  |
| Phenol                      | 1.848 | 1.476  | 0.080   | -20.1346 | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.436 | 1.230  | 0.100   | -14.3523 | 20.0  |
| 2-Chlorophenol              | 1.432 | 1.334  | 0.200   | -6.8199  | 20.0  |
| 2-Methylphenol              | 1.381 | 1.139  | 0.010   | -17.5469 | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 2.118 | 1.640  | 0.010   | -22.5722 | 40.0  |
| Acetophenone                | 2.314 | 1.746  | 0.060   | -24.5177 | 20.0  |
| 4-Methylphenol              | 1.537 | 1.211  | 0.010   | -21.2141 | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.146 | 0.838  | 0.050   | -26.8419 | 30.0  |
| Hexachloroethane            | 0.604 | 0.578  | 0.100   | -4.36    | 20.0  |
| Nitrobenzene                | 0.399 | 0.351  | 0.050   | -12.0695 | 25.0  |
| Isophorone                  | 0.736 | 0.600  | 0.050   | -18.4038 | 25.0  |
| 2-Nitrophenol               | 0.183 | 0.178  | 0.050   | -3.2003  | 25.0  |
| 2,4-Dimethylphenol          | 0.377 | 0.326  | 0.050   | -13.5536 | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.453 | 0.403  | 0.050   | -10.8888 | 20.0  |
| 2,4-Dichlorophenol          | 0.313 | 0.304  | 0.060   | -2.8822  | 20.0  |
| Naphthalene                 | 1.094 | 1.046  | 0.200   | -4.3664  | 20.0  |
| 4-Chloroaniline             | 0.461 | 0.388  | 0.010   | -15.6615 | 40.0  |
| Hexachlorobutadiene         | 0.201 | 0.210  | 0.040   | 4.8196   | 30.0  |
| Caprolactam                 | 0.124 | 0.093  | 0.010   | -25.1004 | 40.0  |
| 4-Chloro-3-methylphenol     | 0.368 | 0.290  | 0.040   | -21.1614 | 25.0  |
| 1-Methylnaphthalene         | 0.763 | 0.697  | 0.100   | -8.6098  | 20.0  |
| 2-Methylnaphthalene         | 0.754 | 0.681  | 0.100   | -9.6762  | 20.0  |
| Hexachlorocyclopentadiene   | 0.355 | 0.331  | 0.010   | -6.922   | 40.0  |
| 2,4,6-Trichlorophenol       | 0.383 | 0.388  | 0.090   | 1.448    | 25.0  |
| 2,4,5-Trichlorophenol       | 0.420 | 0.416  | 0.100   | -0.9777  | 25.0  |
| 1,1-Biphenyl                | 1.508 | 1.463  | 0.200   | -2.9778  | 20.0  |
| 2-Chloronaphthalene         | 1.175 | 1.177  | 0.300   | 0.2259   | 20.0  |
| 2-Nitroaniline              | 0.380 | 0.284  | 0.050   | -25.2611 | 40.0  |
| Dimethylphthalate           | 1.523 | 1.379  | 0.300   | -9.4728  | 20.0  |
| 2,6-Dinitrotoluene          | 0.300 | 0.275  | 0.080   | -8.422   | 30.0  |
| Acenaphthylene              | 1.840 | 1.802  | 0.400   | -2.0714  | 20.0  |
| 3-Nitroaniline              | 0.331 | 0.250  | 0.010   | -24.6202 | 40.0  |
| Acenaphthene                | 1.314 | 1.241  | 0.200   | -5.5345  | 20.0  |
| 2,4-Dinitrophenol           | 0.176 | 0.131  | 0.010   | -25.5689 | 40.0  |
| 4-Nitrophenol               | 0.261 | 0.218  | 0.010   | -16.3116 | 40.0  |
| Dibenzofuran                | 1.796 | 1.693  | 0.300   | -5.769   | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG No.: BN100224

Instrument ID: BNA\_N Calibration Date/Time: 10/3/2024 1:16:31

Lab File ID: BN034373.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020330 Init. Calib. Time(s): \_\_\_\_\_

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-------------------------------|-------|--------|---------|----------|-------|
| 2,4-Dinitrotoluene            | 0.452 | 0.402  | 0.070   | -11.0852 | 30.0  |
| Diethylphthalate              | 1.592 | 1.356  | 0.300   | -14.8353 | 20.0  |
| Fluorene                      | 1.469 | 1.371  | 0.200   | -6.6775  | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.712 | 0.676  | 0.100   | -5.0847  | 20.0  |
| 4-Nitroaniline                | 0.341 | 0.231  | 0.010   | -32.3135 | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.132 | 0.108  | 0.010   | -18.1641 | 40.0  |
| N-Nitrosodiphenylamine        | 0.599 | 0.594  | 0.050   | -0.9335  | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.577 | 0.643  | 0.100   | 11.3488  | 20.0  |
| 4-Bromophenyl-phenylether     | 0.203 | 0.212  | 0.070   | 4.3868   | 20.0  |
| Hexachlorobenzene             | 0.236 | 0.246  | 0.050   | 4.4555   | 25.0  |
| Atrazine                      | 0.217 | 0.183  | 0.010   | -15.8521 | 25.0  |
| Pentachlorophenol             | 0.157 | 0.146  | 0.010   | -6.815   | 40.0  |
| Phenanthrene                  | 1.103 | 1.066  | 0.200   | -3.3271  | 20.0  |
| Pentachlorobenzene            | 0.283 | 0.302  | 0.050   | 6.5029   | 20.0  |
| Anthracene                    | 1.126 | 1.099  | 0.200   | -2.4298  | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.278 | 0.304  | 0.050   | 9.0751   | 20.0  |
| Carbazole                     | 1.036 | 0.974  | 0.050   | -6.0476  | 40.0  |
| Di-n-butylphthalate           | 1.318 | 1.143  | 0.500   | -13.2299 | 25.0  |
| Fluoranthene                  | 1.303 | 1.235  | 0.400   | -5.219   | 25.0  |
| Pyrene                        | 1.400 | 1.309  | 0.400   | -6.5209  | 25.0  |
| Butylbenzylphthalate          | 0.628 | 0.516  | 0.100   | -17.8501 | 40.0  |
| 3,3-Dichlorobenzidine         | 0.449 | 0.409  | 0.010   | -8.927   | 40.0  |
| Benzo (a) anthracene          | 1.426 | 1.358  | 0.300   | -4.7387  | 30.0  |
| Chrysene                      | 1.361 | 1.293  | 0.200   | -4.982   | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.919 | 0.797  | 0.200   | -13.2617 | 40.0  |
| Di-n-octyl phthalate          | 1.331 | 1.039  | 0.010   | -21.9136 | 40.0  |
| Benzo (b) fluoranthene        | 1.219 | 1.124  | 0.200   | -7.8322  | 25.0  |
| Benzo (k) fluoranthene        | 1.203 | 1.171  | 0.200   | -2.6334  | 25.0  |
| Benzo (a) pyrene              | 1.152 | 1.115  | 0.200   | -3.1828  | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.427 | 1.431  | 0.200   | 0.2807   | 25.0  |
| Dibenzo (a,h) anthracene      | 1.154 | 1.199  | 0.200   | 3.9298   | 30.0  |
| Benzo (g,h,i) perylene        | 1.108 | 1.146  | 0.200   | 3.4675   | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.349 | 0.344  | 0.040   | -1.2986  | 20.0  |
| Pyridine-d5                   | 1.457 | 1.222  | 0.010   | -16.1375 | 40.0  |
| 1,4-Dioxane-d8                | 0.490 | 0.493  | 0.010   | 0.6204   | 25.0  |
| Phenol-d5                     | 1.775 | 1.466  | 0.010   | -17.3923 | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.101 | 0.896  | 0.050   | -18.6263 | 25.0  |
| 2-Chlorophenol-d4             | 1.397 | 1.354  | 0.200   | -3.0924  | 20.0  |
| 4-Methylphenol-d8             | 1.461 | 1.152  | 0.010   | -21.1216 | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG No.: BN100224

Instrument ID: BNA\_N Calibration Date/Time: 10/3/2024 1:16:31

Lab File ID: BN034373.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020330 Init. Calib. Time(s): \_\_\_\_\_

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.159 | 0.155  | 0.050      | -2.6664  | 20.0  |
| 2-Nitrophenol-d4              | 0.164 | 0.161  | 0.050      | -1.9008  | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.309 | 0.306  | 0.060      | -0.737   | 20.0  |
| 4-Chloroaniline-d4            | 0.467 | 0.405  | 0.010      | -13.3702 | 40.0  |
| Dimethylphthalate-d6          | 1.495 | 1.383  | 0.300      | -7.4894  | 20.0  |
| Acenaphthylene-d8             | 1.681 | 1.651  | 0.400      | -1.7941  | 20.0  |
| 4-Nitrophenol-d4              | 0.307 | 0.234  | 0.010      | -23.6145 | 40.0  |
| Fluorene-d10                  | 1.267 | 1.185  | 0.100      | -6.4698  | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.119 | 0.100  | 0.010      | -15.8209 | 40.0  |
| Anthracene-d10                | 0.940 | 0.899  | 0.300      | -4.416   | 20.0  |
| Pyrene-d10                    | 1.114 | 1.040  | 0.300      | -6.6308  | 25.0  |
| Benzo(a)pyrene-d12            | 1.027 | 0.977  | 0.010      | -4.9043  | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG No.: BN100224

Instrument ID: BNA\_N Calibration Date/Time: 10/4/2024 1:03:02

Lab File ID: BN034388.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020331 Init. Calib. Time(s): \_\_\_\_\_

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.517 | 0.514  | 0.010   | -0.5121  | 50.0  |
| Benzaldehyde                | 0.937 | 0.665  | 0.010   | -29.0498 | 50.0  |
| Pyridine                    | 1.491 | 1.262  | 0.010   | -15.3159 | 50.0  |
| Phenol                      | 1.848 | 1.452  | 0.080   | -21.4128 | 50.0  |
| Bis(2-Chloroethyl)ether     | 1.436 | 1.246  | 0.100   | -13.2842 | 50.0  |
| 2-Chlorophenol              | 1.432 | 1.325  | 0.200   | -7.4372  | 50.0  |
| 2-Methylphenol              | 1.381 | 1.135  | 0.010   | -17.8251 | 50.0  |
| 2,2-oxybis(1-Chloropropane) | 2.118 | 1.627  | 0.010   | -23.212  | 50.0  |
| Acetophenone                | 2.314 | 1.793  | 0.060   | -22.5161 | 50.0  |
| 4-Methylphenol              | 1.537 | 1.206  | 0.010   | -21.5203 | 50.0  |
| N-Nitroso-di-n-propylamine  | 1.146 | 0.834  | 0.050   | -27.2365 | 50.0  |
| Hexachloroethane            | 0.604 | 0.568  | 0.100   | -5.9864  | 50.0  |
| Nitrobenzene                | 0.399 | 0.343  | 0.050   | -14.0524 | 50.0  |
| Isophorone                  | 0.736 | 0.606  | 0.050   | -17.7043 | 50.0  |
| 2-Nitrophenol               | 0.183 | 0.181  | 0.050   | -1.5185  | 50.0  |
| 2,4-Dimethylphenol          | 0.377 | 0.330  | 0.050   | -12.5375 | 50.0  |
| Bis(2-Chloroethoxy)methane  | 0.453 | 0.403  | 0.050   | -10.9894 | 50.0  |
| 2,4-Dichlorophenol          | 0.313 | 0.301  | 0.060   | -3.8149  | 50.0  |
| Naphthalene                 | 1.094 | 1.045  | 0.200   | -4.5197  | 50.0  |
| 4-Chloroaniline             | 0.461 | 0.381  | 0.010   | -17.3013 | 50.0  |
| Hexachlorobutadiene         | 0.201 | 0.208  | 0.040   | 3.7604   | 50.0  |
| Caprolactam                 | 0.124 | 0.081  | 0.010   | -34.8896 | 50.0  |
| 4-Chloro-3-methylphenol     | 0.368 | 0.294  | 0.040   | -20.2205 | 50.0  |
| 1-Methylnaphthalene         | 0.763 | 0.702  | 0.100   | -7.9506  | 50.0  |
| 2-Methylnaphthalene         | 0.754 | 0.674  | 0.100   | -10.6177 | 50.0  |
| Hexachlorocyclopentadiene   | 0.355 | 0.346  | 0.010   | -2.5611  | 50.0  |
| 2,4,6-Trichlorophenol       | 0.383 | 0.386  | 0.090   | 0.8228   | 50.0  |
| 2,4,5-Trichlorophenol       | 0.420 | 0.424  | 0.100   | 0.7715   | 50.0  |
| 1,1-Biphenyl                | 1.508 | 1.495  | 0.200   | -0.8488  | 50.0  |
| 2-Chloronaphthalene         | 1.175 | 1.177  | 0.300   | 0.2195   | 50.0  |
| 2-Nitroaniline              | 0.380 | 0.288  | 0.050   | -24.0977 | 50.0  |
| Dimethylphthalate           | 1.523 | 1.399  | 0.300   | -8.1867  | 50.0  |
| 2,6-Dinitrotoluene          | 0.300 | 0.286  | 0.080   | -4.5979  | 50.0  |
| Acenaphthylene              | 1.840 | 1.830  | 0.400   | -0.5165  | 50.0  |
| 3-Nitroaniline              | 0.331 | 0.258  | 0.010   | -22.1064 | 50.0  |
| Acenaphthene                | 1.314 | 1.249  | 0.200   | -4.9119  | 50.0  |
| 2,4-Dinitrophenol           | 0.176 | 0.111  | 0.010   | -37.0639 | 50.0  |
| 4-Nitrophenol               | 0.261 | 0.172  | 0.010   | -34.021  | 50.0  |
| Dibenzofuran                | 1.796 | 1.704  | 0.300   | -5.1181  | 50.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG No.: BN100224

Instrument ID: BNA\_N Calibration Date/Time: 10/4/2024 1:03:02

Lab File ID: BN034388.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020331 Init. Calib. Time(s): \_\_\_\_\_

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-------------------------------|-------|--------|---------|----------|-------|
| 2,4-Dinitrotoluene            | 0.452 | 0.407  | 0.070   | -10.0271 | 50.0  |
| Diethylphthalate              | 1.592 | 1.398  | 0.300   | -12.169  | 50.0  |
| Fluorene                      | 1.469 | 1.351  | 0.200   | -8.0496  | 50.0  |
| 4-Chlorophenyl-phenylether    | 0.712 | 0.674  | 0.100   | -5.4086  | 50.0  |
| 4-Nitroaniline                | 0.341 | 0.238  | 0.010   | -30.2059 | 50.0  |
| 4,6-Dinitro-2-methylphenol    | 0.132 | 0.111  | 0.010   | -16.1661 | 50.0  |
| N-Nitrosodiphenylamine        | 0.599 | 0.581  | 0.050   | -3.1009  | 50.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.577 | 0.633  | 0.100   | 9.6383   | 50.0  |
| 4-Bromophenyl-phenylether     | 0.203 | 0.209  | 0.070   | 3.1538   | 50.0  |
| Hexachlorobenzene             | 0.236 | 0.247  | 0.050   | 4.6668   | 50.0  |
| Atrazine                      | 0.217 | 0.184  | 0.010   | -15.3975 | 50.0  |
| Pentachlorophenol             | 0.157 | 0.143  | 0.010   | -8.8034  | 50.0  |
| Phenanthrene                  | 1.103 | 1.037  | 0.200   | -5.9522  | 50.0  |
| Pentachlorobenzene            | 0.283 | 0.307  | 0.050   | 8.265    | 50.0  |
| Anthracene                    | 1.126 | 1.073  | 0.200   | -4.7239  | 50.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.278 | 0.309  | 0.050   | 10.916   | 50.0  |
| Carbazole                     | 1.036 | 0.946  | 0.050   | -8.6851  | 50.0  |
| Di-n-butylphthalate           | 1.318 | 1.158  | 0.500   | -12.1368 | 50.0  |
| Fluoranthene                  | 1.303 | 1.270  | 0.400   | -2.5296  | 50.0  |
| Pyrene                        | 1.400 | 1.330  | 0.400   | -5.003   | 50.0  |
| Butylbenzylphthalate          | 0.628 | 0.526  | 0.100   | -16.2895 | 50.0  |
| 3,3-Dichlorobenzidine         | 0.449 | 0.396  | 0.010   | -11.8063 | 50.0  |
| Benzo (a) anthracene          | 1.426 | 1.352  | 0.300   | -5.1959  | 50.0  |
| Chrysene                      | 1.361 | 1.287  | 0.200   | -5.4165  | 50.0  |
| Bis(2-ethylhexyl)phthalate    | 0.919 | 0.797  | 0.200   | -13.3134 | 50.0  |
| Di-n-octyl phthalate          | 1.331 | 1.006  | 0.010   | -24.3801 | 50.0  |
| Benzo (b) fluoranthene        | 1.219 | 1.115  | 0.200   | -8.5413  | 50.0  |
| Benzo (k) fluoranthene        | 1.203 | 1.116  | 0.200   | -7.1952  | 50.0  |
| Benzo (a) pyrene              | 1.152 | 1.078  | 0.200   | -6.4373  | 50.0  |
| Indeno (1,2,3-cd) pyrene      | 1.427 | 1.426  | 0.200   | -0.1065  | 50.0  |
| Dibenzo (a,h) anthracene      | 1.154 | 1.168  | 0.200   | 1.2512   | 50.0  |
| Benzo (g,h,i) perylene        | 1.108 | 1.181  | 0.200   | 6.6117   | 50.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.349 | 0.348  | 0.040   | -0.2881  | 50.0  |
| 1,4-Dioxane-d8                | 0.490 | 0.485  | 0.010   | -1.0162  | 50.0  |
| Pyridine-d5                   | 1.457 | 1.237  | 0.010   | -15.0853 | 50.0  |
| Phenol-d5                     | 1.775 | 1.452  | 0.010   | -18.2065 | 50.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.101 | 0.898  | 0.050   | -18.484  | 50.0  |
| 2-Chlorophenol-d4             | 1.397 | 1.320  | 0.200   | -5.4944  | 50.0  |
| 4-Methylphenol-d8             | 1.461 | 1.189  | 0.010   | -18.6164 | 50.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG No.: BN100224

Instrument ID: BNA\_N Calibration Date/Time: 10/4/2024 1:03:02

Lab File ID: BN034388.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020331 Init. Calib. Time(s): \_\_\_\_\_

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.159 | 0.158  | 0.050      | -0.8132  | 50.0  |
| 2-Nitrophenol-d4              | 0.164 | 0.163  | 0.050      | -0.8207  | 50.0  |
| 2,4-Dichlorophenol-d3         | 0.309 | 0.307  | 0.060      | -0.6384  | 50.0  |
| 4-Chloroaniline-d4            | 0.467 | 0.402  | 0.010      | -13.884  | 50.0  |
| Dimethylphthalate-d6          | 1.495 | 1.391  | 0.300      | -6.9185  | 50.0  |
| Acenaphthylene-d8             | 1.681 | 1.645  | 0.400      | -2.1449  | 50.0  |
| 4-Nitrophenol-d4              | 0.307 | 0.237  | 0.010      | -22.7374 | 50.0  |
| Fluorene-d10                  | 1.267 | 1.184  | 0.100      | -6.5655  | 50.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.119 | 0.102  | 0.010      | -14.4419 | 50.0  |
| Anthracene-d10                | 0.940 | 0.897  | 0.300      | -4.6423  | 50.0  |
| Pyrene-d10                    | 1.114 | 1.069  | 0.300      | -4.0927  | 50.0  |
| Benzo(a)pyrene-d12            | 1.027 | 0.948  | 0.010      | -7.7051  | 50.0  |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/17/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/17/2024 12:00:00 AM |
| Client Sample ID:  | SBLK456      | SDG No.:        | BN100224              |
| Lab Sample ID:     | PB163456BL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034334.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 12    | U         | 12  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 48    | U         | 48  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 12    | U         | 12  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 45    | U         | 45  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 35    | U         | 35  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 22    | U         | 22  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 39    | U         | 39  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 29    | U         | 29  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 59    | U         | 59  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 41    | U         | 41  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 37    | U         | 37  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 16    | U         | 16  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 36    | U         | 36  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 30    | U         | 30  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 8.5   | U         | 8.5 | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 31    | U         | 31  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 44    | U         | 44  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 40    | U         | 40  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 36    | U         | 36  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 19    | U         | 19  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 37    | U         | 37  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 19    | U         | 19  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 49    | U         | 49  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/17/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/17/2024 12:00:00 AM |
| Client Sample ID:  | SBLK456      | SDG No.:        | BN100224              |
| Lab Sample ID:     | PB163456BL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034334.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 46    | U         | 46  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 44    | U         | 44  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 22    | U         | 22  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 38    | U         | 38  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 46    | U         | 46  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 14    | U         | 14  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 32    | U         | 32  | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 11    | U         | 11  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 40    | U         | 40  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 13    | U         | 13  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 58    | U         | 58  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 48    | U         | 48  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 16    | U         | 16  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 39    | U         | 39  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 99    | U         | 99  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 11    | U         | 11  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 38    | U         | 38  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 53    | U         | 53  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 36    | U         | 36  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 47    | U         | 47  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 5.6   | U         | 5.6 | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 61    | U         | 61  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 57    | U         | 57  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 45    | U         | 45  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/17/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/17/2024 12:00:00 AM |
| Client Sample ID:  | SBLK456      | SDG No.:        | BN100224              |
| Lab Sample ID:     | PB163456BL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034334.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 46     | U         | 46     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 43     | U         | 43     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 25     | U         | 25     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 39     | U         | 39     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 46     | U         | 46     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 43     | U         | 43     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 43     | U         | 43     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 48     | U         | 48     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 58     | U         | 58     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 57     | U         | 57     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 45     | U         | 45     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 52     | U         | 52     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 46     | U         | 46     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 52     | U         | 52     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.627  |           | 15-120 |      | 70         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 22.896 |           | 20-120 |      | 57         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 23.567 |           | 10-130 |      | 59         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 23.402 |           | 10-150 |      | 59         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 26.606 |           | 15-120 |      | 67         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 23.254 |           | 10-140 |      | 58         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 27.247 |           | 10-135 |      | 68         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 28.752 |           | 10-120 |      | 72         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 26.649 |           | 10-140 |      | 67         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 25.394 |           | 1-145  |      | 63         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 27.072 |           | 10-145 |      | 68         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 27.448 |           | 15-120 |      | 69         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 18.93  |           | 10-150 |      | 47         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 27.272 |           | 20-140 |      | 68         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/17/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/17/2024 12:00:00 AM |
| Client Sample ID:  | SBLK456      | SDG No.:        | BN100224              |
| Lab Sample ID:     | PB163456BL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034334.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 19.55   |           | 10-130 |     | 49         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 27.678  |           | 10-150 |     | 69         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 28.12   |           | 10-130 |     | 70         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 27.518  |           | 10-140 |     | 69         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 219135  | 7.387     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 875759  | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 542214  | 14.039    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1125612 | 16.798    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1087275 | 21.033    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1346506 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 46      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                      |
|--------------------|-----------------------|-----------------|----------------------|
| Client:            |                       | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DCVW4                 | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4016-13              | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 17.4                 |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                      |
| Extraction Type :  | Decanted :            | Level :         | LOW                  |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034335.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 14    | U         | 14  | 8    | 80         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 58    | U         | 58  | 99.5 | 400        | ug/Kg |
| 110-86-1       | Pyridine                    | 14    | U         | 14  | 200  | 400        | ug/Kg |
| 108-95-2       | Phenol                      | 54    | U         | 54  | 99.5 | 400        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 42    | U         | 42  | 99.5 | 400        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 27    | U         | 27  | 51.3 | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 47    | U         | 47  | 99.5 | 400        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 35    | U         | 35  | 99.5 | 400        | ug/Kg |
| 98-86-2        | Acetophenone                | 71    | U         | 71  | 99.5 | 400        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 49    | U         | 49  | 99.5 | 400        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 45    | U         | 45  | 51.3 | 210        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 19    | U         | 19  | 51.3 | 210        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 33    | U         | 33  | 51.3 | 210        | ug/Kg |
| 78-59-1        | Isophorone                  | 43    | U         | 43  | 51.3 | 210        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 36    | U         | 36  | 51.3 | 210        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 10    | U         | 10  | 51.3 | 210        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 37    | U         | 37  | 51.3 | 210        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 41    | U         | 41  | 51.3 | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 40    | U         | 40  | 51.3 | 210        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 53    | U         | 53  | 51.3 | 400        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 31    | U         | 31  | 51.3 | 210        | ug/Kg |
| 105-60-2       | Caprolactam                 | 48    | U         | 48  | 99.5 | 400        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 43    | U         | 43  | 51.3 | 210        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 23    | U         | 23  | 51.3 | 210        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 45    | U         | 45  | 51.3 | 210        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 23    | U         | 23  | 99.5 | 400        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 60    | U         | 60  | 51.3 | 210        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 59    | U         | 59  | 51.3 | 210        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                      |
|--------------------|-----------------------|-----------------|----------------------|
| Client:            |                       | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DCVW4                 | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4016-13              | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 17.4                 |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                      |
| Extraction Type :  | Decanted :            | Level :         | LOW                  |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034335.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 56    | U         | 56  | 51.3 | 210        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 53    | U         | 53  | 51.3 | 210        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 27    | U         | 27  | 51.3 | 210        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 46    | U         | 46  | 51.3 | 210        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 31    | U         | 31  | 51.3 | 210        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 56    | U         | 56  | 51.3 | 210        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 17    | U         | 17  | 99.5 | 400        | ug/Kg |
| 83-32-9    | Acenaphthene               | 60    | U         | 60  | 51.3 | 210        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 39    | U         | 39  | 99.5 | 400        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 13    | U         | 13  | 99.5 | 400        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 48    | U         | 48  | 51.3 | 210        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 16    | U         | 16  | 51.3 | 210        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 49    | U         | 49  | 51.3 | 210        | ug/Kg |
| 86-73-7    | Fluorene                   | 70    | U         | 70  | 51.3 | 210        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 58    | U         | 58  | 51.3 | 210        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 19    | U         | 19  | 99.5 | 400        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 47    | U         | 47  | 99.5 | 400        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 54    | U         | 54  | 51.3 | 210        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 54    | U         | 54  | 51.3 | 210        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 120   | U         | 120 | 51.3 | 210        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 60    | U         | 60  | 51.3 | 210        | ug/Kg |
| 1912-24-9  | Atrazine                   | 13    | U         | 13  | 99.5 | 400        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 330   | J         | 46  | 99.5 | 400        | ug/Kg |
| 85-01-8    | Phenanthrene               | 64    | U         | 64  | 51.3 | 210        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 43    | U         | 43  | 51.3 | 210        | ug/Kg |
| 120-12-7   | Anthracene                 | 57    | U         | 57  | 51.3 | 210        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 6.8   | U         | 6.8 | 51.3 | 210        | ug/Kg |
| 86-74-8    | Carbazole                  | 74    | U         | 74  | 99.5 | 400        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 69    | U         | 69  | 51.3 | 210        | ug/Kg |
| 206-44-0   | Fluoranthene               | 54    | U         | 54  | 99.5 | 210        | ug/Kg |

## Report of Analysis

|                    |           |                 |                      |
|--------------------|-----------|-----------------|----------------------|
| Client:            |           | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DCVW4     | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4016-13  | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 17.4                 |
| Sample Wt/Vol:     | 30.1      | Units:          | g                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                  |
|                    |           | Test:           | uL                   |
| Extraction Type :  |           | Decanted :      | Level :              |
|                    |           |                 | LOW                  |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :        |
|                    |           |                 | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034335.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 56     | U         | 56     | 51.3 | 210        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 52     | U         | 52     | 51.3 | 210        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 30     | U         | 30     | 99.5 | 400        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 47     | U         | 47     | 51.3 | 210        | ug/Kg    |
| 218-01-9          | Chrysene                    | 56     | U         | 56     | 51.3 | 210        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 52     | U         | 52     | 51.3 | 210        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 52     | U         | 52     | 99.5 | 400        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 58     | U         | 58     | 51.3 | 210        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 70     | U         | 70     | 51.3 | 210        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 69     | U         | 69     | 51.3 | 210        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 54     | U         | 54     | 51.3 | 210        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 63     | U         | 63     | 51.3 | 210        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 56     | U         | 56     | 51.3 | 210        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 63     | U         | 63     | 51.3 | 210        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.249  |           | 15-120 |      | 41         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 13.582 |           | 20-120 |      | 34         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 15.747 |           | 10-130 |      | 39         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 15.025 |           | 10-150 |      | 38         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 17.182 |           | 15-120 |      | 43         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 16.109 |           | 10-140 |      | 40         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 17.298 |           | 10-135 |      | 43         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 17.697 |           | 10-120 |      | 44         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 17.76  |           | 10-140 |      | 44         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 16.969 |           | 1-145  |      | 42         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 19.065 |           | 10-145 |      | 48         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 18.657 |           | 15-120 |      | 47         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 9.091  |           | 10-150 |      | 23         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 18.845 |           | 20-140 |      | 47         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                      |
|--------------------|--------------------|-----------------|----------------------|
| Client:            |                    | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DCVW4              | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4016-13           | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 17.4                 |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL          |
| Soil Aliquot Vol:  | uL                 | Test:           |                      |
| Extraction Type :  | Decanted :         | Level :         | LOW                  |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034335.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 11.125  |           | 10-130 |     | 28         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 19.666  |           | 10-150 |     | 49         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 21.955  |           | 10-130 |     | 55         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 19.588  |           | 10-140 |     | 49         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 250107  | 7.387     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1010295 | 10.139    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 631314  | 14.039    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1232355 | 16.798    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1011649 | 21.033    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1206239 | 23.745    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 84      | J         |        |     | 15.422     |          |
| E966796                               | Total Alkanes                 | 56      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/9/2024 12:00:00 AM        |
| Project:           |                       | Date Received:  | 9/9/2024 12:00:00 AM        |
| Client Sample ID:  | DCVW5                 | SDG No.:        | BN100224                    |
| Lab Sample ID:     | P4016-14              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 19.3                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034336.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 8.2  | 82         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 59    | U         | 59  | 100  | 410        | ug/Kg |
| 110-86-1       | Pyridine                    | 15    | U         | 15  | 200  | 410        | ug/Kg |
| 108-95-2       | Phenol                      | 56    | U         | 56  | 100  | 410        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 43    | U         | 43  | 100  | 410        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 27    | U         | 27  | 52.5 | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 48    | U         | 48  | 100  | 410        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 36    | U         | 36  | 100  | 410        | ug/Kg |
| 98-86-2        | Acetophenone                | 73    | U         | 73  | 100  | 410        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 51    | U         | 51  | 100  | 410        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 46    | U         | 46  | 52.5 | 210        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 20    | U         | 20  | 52.5 | 210        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 33    | U         | 33  | 52.5 | 210        | ug/Kg |
| 78-59-1        | Isophorone                  | 44    | U         | 44  | 52.5 | 210        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 37    | U         | 37  | 52.5 | 210        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 10    | U         | 10  | 52.5 | 210        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 38    | U         | 38  | 52.5 | 210        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 42    | U         | 42  | 52.5 | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 41    | U         | 41  | 52.5 | 210        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 54    | U         | 54  | 52.5 | 410        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 32    | U         | 32  | 52.5 | 210        | ug/Kg |
| 105-60-2       | Caprolactam                 | 49    | U         | 49  | 100  | 410        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 44    | U         | 44  | 52.5 | 210        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 23    | U         | 23  | 52.5 | 210        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 46    | U         | 46  | 52.5 | 210        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 23    | U         | 23  | 100  | 410        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 62    | U         | 62  | 52.5 | 210        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 61    | U         | 61  | 52.5 | 210        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/9/2024 12:00:00 AM        |
| Project:           |                       | Date Received:  | 9/9/2024 12:00:00 AM        |
| Client Sample ID:  | DCVW5                 | SDG No.:        | BN100224                    |
| Lab Sample ID:     | P4016-14              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 19.3                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034336.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 57    | U         | 57  | 52.5 | 210        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 54    | U         | 54  | 52.5 | 210        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 27    | U         | 27  | 52.5 | 210        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 47    | U         | 47  | 52.5 | 210        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 32    | U         | 32  | 52.5 | 210        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 57    | U         | 57  | 52.5 | 210        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 17    | U         | 17  | 100  | 410        | ug/Kg |
| 83-32-9    | Acenaphthene               | 62    | U         | 62  | 52.5 | 210        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 40    | U         | 40  | 100  | 410        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 14    | U         | 14  | 100  | 410        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 49    | U         | 49  | 52.5 | 210        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 16    | U         | 16  | 52.5 | 210        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 51    | U         | 51  | 52.5 | 210        | ug/Kg |
| 86-73-7    | Fluorene                   | 72    | U         | 72  | 52.5 | 210        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 59    | U         | 59  | 52.5 | 210        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 20    | U         | 20  | 100  | 410        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 48    | U         | 48  | 100  | 410        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 56    | U         | 56  | 52.5 | 210        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 56    | U         | 56  | 52.5 | 210        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 120   | U         | 120 | 52.5 | 210        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 62    | U         | 62  | 52.5 | 210        | ug/Kg |
| 1912-24-9  | Atrazine                   | 14    | U         | 14  | 100  | 410        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 47    | U         | 47  | 100  | 410        | ug/Kg |
| 85-01-8    | Phenanthrene               | 65    | U         | 65  | 52.5 | 210        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 44    | U         | 44  | 52.5 | 210        | ug/Kg |
| 120-12-7   | Anthracene                 | 58    | U         | 58  | 52.5 | 210        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 6.9   | U         | 6.9 | 52.5 | 210        | ug/Kg |
| 86-74-8    | Carbazole                  | 75    | U         | 75  | 100  | 410        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 70    | U         | 70  | 52.5 | 210        | ug/Kg |
| 206-44-0   | Fluoranthene               | 56    | U         | 56  | 100  | 210        | ug/Kg |

## Report of Analysis

|                    |           |                 |                      |
|--------------------|-----------|-----------------|----------------------|
| Client:            |           | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DCVW5     | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4016-14  | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 19.3                 |
| Sample Wt/Vol:     | 30.1      | Units:          | g                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                  |
|                    |           | Test:           | uL                   |
| Extraction Type :  |           | Decanted :      | Level :              |
|                    |           |                 | LOW                  |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :        |
|                    |           |                 | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034336.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 57     | U         | 57     | 52.5 | 210        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 53     | U         | 53     | 52.5 | 210        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 31     | U         | 31     | 100  | 410        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 48     | U         | 48     | 52.5 | 210        | ug/Kg    |
| 218-01-9          | Chrysene                    | 57     | U         | 57     | 52.5 | 210        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 53     | U         | 53     | 52.5 | 210        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 53     | U         | 53     | 100  | 410        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 59     | U         | 59     | 52.5 | 210        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 72     | U         | 72     | 52.5 | 210        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 70     | U         | 70     | 52.5 | 210        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 56     | U         | 56     | 52.5 | 210        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 64     | U         | 64     | 52.5 | 210        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 57     | U         | 57     | 52.5 | 210        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 64     | U         | 64     | 52.5 | 210        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.295  |           | 15-120 |      | 41         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 12.966 |           | 20-120 |      | 32         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 14.579 |           | 10-130 |      | 36         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 14.733 |           | 10-150 |      | 37         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 16.56  |           | 15-120 |      | 41         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 14.361 |           | 10-140 |      | 36         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 16.989 |           | 10-135 |      | 42         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 16.676 |           | 10-120 |      | 42         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 16.293 |           | 10-140 |      | 41         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 15.583 |           | 1-145  |      | 39         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 17.981 |           | 10-145 |      | 45         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 18.03  |           | 15-120 |      | 45         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 7.792  |           | 10-150 |      | 19         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 17.883 |           | 20-140 |      | 45         | SPK: -40 |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/9/2024 12:00:00 AM        |
| Project:           |                       | Date Received:  | 9/9/2024 12:00:00 AM        |
| Client Sample ID:  | DCVW5                 | SDG No.:        | BN100224                    |
| Lab Sample ID:     | P4016-14              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 19.3                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034336.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 8.553   |           | 10-130 |     | 21         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 18.485  |           | 10-150 |     | 46         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 19.206  |           | 10-130 |     | 48         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 18.791  |           | 10-140 |     | 47         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 229133  | 7.387     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 895037  | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 517079  | 14.04     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 999968  | 16.798    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 922372  | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1142260 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 57      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/10/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 9/10/2024 12:00:00 AM       |
| Client Sample ID:  | DDC20                 | SDG No.:        | BN100224                    |
| Lab Sample ID:     | P4016-15              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 16.8                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034337.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 14    | U         | 14  | 7.9  | 80         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 58    | U         | 58  | 98.8 | 400        | ug/Kg |
| 110-86-1       | Pyridine                    | 14    | U         | 14  | 200  | 400        | ug/Kg |
| 108-95-2       | Phenol                      | 54    | U         | 54  | 98.8 | 400        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 42    | U         | 42  | 98.8 | 400        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 26    | U         | 26  | 50.9 | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 47    | U         | 47  | 98.8 | 400        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 35    | U         | 35  | 98.8 | 400        | ug/Kg |
| 98-86-2        | Acetophenone                | 71    | U         | 71  | 98.8 | 400        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 49    | U         | 49  | 98.8 | 400        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 44    | U         | 44  | 50.9 | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 19    | U         | 19  | 50.9 | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 32    | U         | 32  | 50.9 | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 43    | U         | 43  | 50.9 | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 36    | U         | 36  | 50.9 | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 10    | U         | 10  | 50.9 | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 37    | U         | 37  | 50.9 | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 41    | U         | 41  | 50.9 | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 40    | U         | 40  | 50.9 | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 53    | U         | 53  | 50.9 | 400        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 31    | U         | 31  | 50.9 | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 48    | U         | 48  | 98.8 | 400        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 43    | U         | 43  | 50.9 | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 73    | J         | 23  | 50.9 | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 100   | J         | 44  | 50.9 | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 23    | U         | 23  | 98.8 | 400        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 60    | U         | 60  | 50.9 | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 59    | U         | 59  | 50.9 | 200        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC20     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-15  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034337.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 55    | U         | 55  | 50.9 | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 53    | U         | 53  | 50.9 | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 26    | U         | 26  | 50.9 | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 46    | U         | 46  | 50.9 | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 31    | U         | 31  | 50.9 | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 55    | U         | 55  | 50.9 | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 17    | U         | 17  | 98.8 | 400        | ug/Kg |
| 83-32-9    | Acenaphthene               | 60    | U         | 60  | 50.9 | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 38    | U         | 38  | 98.8 | 400        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 13    | U         | 13  | 98.8 | 400        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 48    | U         | 48  | 50.9 | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 16    | U         | 16  | 50.9 | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 49    | U         | 49  | 50.9 | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 69    | U         | 69  | 50.9 | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 58    | U         | 58  | 50.9 | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 19    | U         | 19  | 98.8 | 400        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 47    | U         | 47  | 98.8 | 400        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 54    | U         | 54  | 50.9 | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 54    | U         | 54  | 50.9 | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 120   | U         | 120 | 50.9 | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 60    | U         | 60  | 50.9 | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 13    | U         | 13  | 98.8 | 400        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 31000 | E         | 46  | 98.8 | 400        | ug/Kg |
| 85-01-8    | Phenanthrene               | 63    | U         | 63  | 50.9 | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 43    | U         | 43  | 50.9 | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 56    | U         | 56  | 50.9 | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 6.7   | U         | 6.7 | 50.9 | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 73    | U         | 73  | 98.8 | 400        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 68    | U         | 68  | 50.9 | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 54    | U         | 54  | 98.8 | 200        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC20     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-15  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           |                       |
| Extraction Type :  |           | Decanted :      | Level :               |
| Injection Volume : |           | GPC Factor :    | LOW                   |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034337.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 55     | U         | 55     | 50.9 | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 52     | U         | 52     | 50.9 | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 30     | U         | 30     | 98.8 | 400        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 47     | U         | 47     | 50.9 | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 55     | U         | 55     | 50.9 | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 52     | U         | 52     | 50.9 | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 52     | U         | 52     | 98.8 | 400        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 58     | U         | 58     | 50.9 | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 69     | U         | 69     | 50.9 | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 68     | U         | 68     | 50.9 | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 54     | U         | 54     | 50.9 | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 62     | U         | 62     | 50.9 | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 55     | U         | 55     | 50.9 | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1700   |           | 62     | 50.9 | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.936  |           | 15-120 |      | 37         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 11.712 |           | 20-120 |      | 29         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 12.898 |           | 10-130 |      | 32         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 12.817 |           | 10-150 |      | 32         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 14.628 |           | 15-120 |      | 37         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 12.415 |           | 10-140 |      | 31         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 13.541 |           | 10-135 |      | 34         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 14.577 |           | 10-120 |      | 36         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 14.312 |           | 10-140 |      | 36         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 12.373 |           | 1-145  |      | 31         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 14.796 |           | 10-145 |      | 37         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 15.044 |           | 15-120 |      | 38         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 7.318  |           | 10-150 |      | 18         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 15.261 |           | 20-140 |      | 38         | SPK: -40 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC20      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-15   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1       | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 500                   |
|                    |            |                 | uL                    |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034337.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 7.804   |           | 10-130 |     | 20         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 15.056  |           | 10-150 |     | 38         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 15.189  |           | 10-130 |     | 38         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 15.374  |           | 10-140 |     | 38         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 245834  | 7.387     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 1007278 | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 631847  | 14.04     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1358022 | 16.804    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1308021 | 21.028    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1614263 | 23.745    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain5.452  | 250     | J         |        |     | 5.452      |          |
| 000107-41-5                           | Hexylene glycol                    | 170     | J         |        |     | 5.764      |          |
|                                       | (DEL) Alkane: Straight-Chain5.981  | 110     | J         |        |     | 5.981      |          |
|                                       | (DEL) Alkane: Cyclic6.052          | 110     | J         |        |     | 6.052      |          |
|                                       | (DEL) Alkane: Straight-Chain6.405  | 120     | J         |        |     | 6.405      |          |
|                                       | (DEL) Alkane: Straight-Chain6.464  | 160     | J         |        |     | 6.464      |          |
|                                       | (DEL) Alkane: Straight-Chain7.028  | 870     | J         |        |     | 7.028      |          |
|                                       | (DEL) Alkane: Straight-Chain7.658  | 180     | J         |        |     | 7.658      |          |
|                                       | (DEL) Alkane: Straight-Chain7.922  | 280     | J         |        |     | 7.922      |          |
|                                       | (DEL) Alkane: Straight-Chain7.981  | 140     | J         |        |     | 7.981      |          |
|                                       | (DEL) Alkane: Straight-Chain8.152  | 180     | J         |        |     | 8.152      |          |
|                                       | (DEL) Alkane: Straight-Chain8.616  | 1000    | J         |        |     | 8.616      |          |
|                                       | unknown-01                         | 250     | J         |        |     | 8.722      |          |
|                                       | (DEL) Alkane: Straight-Chain9.458  | 85      | J         |        |     | 9.458      |          |
| 006413-83-8                           | 2,4-Dipropyl-5-ethyl-1,3-dioxane   | 220     | J         |        |     | 10.54      |          |
|                                       | unknown-02                         | 91      | J         |        |     | 10.846     |          |
|                                       | (DEL) Alkane: Straight-Chain11.193 | 160     | J         |        |     | 11.193     |          |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC20      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-15   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1       | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 500 uL                |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034337.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number   | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 014679-13-1  | Benzene, 1,3,5-trimethyl-2-(1-meth | 290   | J         |     |     | 11.257     |       |
|              | unknown-03                         | 110   | J         |     |     | 11.434     |       |
|              | (DEL) Alkane: Straight-Chain11.599 | 310   | J         |     |     | 11.599     |       |
|              | unknown-04                         | 110   | J         |     |     | 11.634     |       |
|              | unknown-05                         | 94    | J         |     |     | 11.687     |       |
| 045235-48-1  | 1-Decanol, 2-octyl-                | 140   | J         |     |     | 12.263     |       |
|              | (DEL) Alkane: Straight-Chain12.440 | 87    | J         |     |     | 12.44      |       |
|              | (DEL) Alkane: Straight-Chain12.581 | 140   | J         |     |     | 12.581     |       |
|              | (DEL) Alkane: Straight-Chain12.881 | 430   | J         |     |     | 12.881     |       |
| 000581-42-0  | Naphthalene, 2,6-dimethyl-         | 190   | J         |     |     | 13.193     |       |
| 000582-16-1  | Naphthalene, 2,7-dimethyl-         | 150   | J         |     |     | 13.351     |       |
| 000575-43-9  | Naphthalene, 1,6-dimethyl-         | 200   | J         |     |     | 13.41      |       |
| 1000309-20-2 | Sulfurous acid, 2-ethylhexyl hexyl | 200   | J         |     |     | 13.551     |       |
| 1000309-39-2 | Oxalic acid, 2-ethylhexyl nonyl es | 1600  | J         |     |     | 13.975     |       |
|              | unknown-06                         | 150   | J         |     |     | 14.146     |       |
| 004948-51-0  | 9-Methyl-S-octahydroanthracene     | 480   | J         |     |     | 14.198     |       |
| 002245-38-7  | Naphthalene, 1,6,7-trimethyl-      | 80    | J         |     |     | 14.528     |       |
| 000935-95-5  | Phenol, 2,3,5,6-tetrachloro-       | 170   | J         |     |     | 14.598     |       |
| 000941-81-1  | 4,6,8-Trimethylazulene             | 340   | J         |     |     | 14.816     |       |
|              | (DEL) Alkane: Straight-Chain14.934 | 540   | J         |     |     | 14.934     |       |
|              | (DEL) Alkane: Straight-Chain15.345 | 250   | J         |     |     | 15.345     |       |
|              | unknown-07                         | 160   | J         |     |     | 15.422     |       |
|              | (DEL) Alkane: Straight-Chain15.557 | 81    | J         |     |     | 15.557     |       |
|              | (DEL) Alkane: Straight-Chain15.804 | 410   | J         |     |     | 15.804     |       |
| 016530-58-8  | 2-(4-Hydroxyphenyl)-2-(4-methoxy   | 91    | J         |     |     | 15.898     |       |
|              | unknown-08                         | 91    | J         |     |     | 15.987     |       |
|              | (DEL) Alkane: Straight-Chain16.598 | 270   | J         |     |     | 16.598     |       |
|              | (DEL) Alkane: Straight-Chain16.645 | 260   | J         |     |     | 16.645     |       |
|              | unknown-09                         | 130   | J         |     |     | 16.957     |       |
|              | (DEL) Alkane: Straight-Chain17.734 | 260   | J         |     |     | 17.334     |       |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC20              | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-15           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  |                    | Decanted :      | Level : LOW           |
| Injection Volume : |                    | GPC Factor :    | GPC Cleanup : PH :    |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034337.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number  | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 000489-84-9 | Azulene, 1,4-dimethyl-7-(1-methyle | 200   | J         |     |     | 17.381     |       |
| 000057-10-3 | n-Hexadecanoic acid                | 120   | J         |     |     | 17.728     |       |
|             | (DEL) Alkane: Straight-Chain18.028 | 190   | J         |     |     | 18.028     |       |
|             | (DEL) Alkane: Straight-Chain18.675 | 180   | J         |     |     | 18.675     |       |
|             | (DEL) Alkane: Straight-Chain19.263 | 110   | J         |     |     | 19.263     |       |
|             | (DEL) Alkane: Straight-Chain19.804 | 150   | J         |     |     | 19.804     |       |
| 005333-42-6 | 1-Dodecanol, 2-octyl-              | 190   | J         |     |     | 20.769     |       |
|             | (DEL) Alkane: Straight-Chain21.780 | 110   | J         |     |     | 21.78      |       |
| 003268-87-9 | Octachlorodibenzo-p-dioxin         | 140   | J         |     |     | 25.827     |       |
| E966796     | Total Alkanes                      | 7400  |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC21        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-16     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.9                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034338.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 8    | 81         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 58    | U         | 58  | 100  | 400        | ug/Kg |
| 110-86-1       | Pyridine                    | 15    | U         | 15  | 200  | 400        | ug/Kg |
| 108-95-2       | Phenol                      | 55    | U         | 55  | 100  | 400        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 43    | U         | 43  | 100  | 400        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 27    | U         | 27  | 51.8 | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 48    | U         | 48  | 100  | 400        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 35    | U         | 35  | 100  | 400        | ug/Kg |
| 98-86-2        | Acetophenone                | 72    | U         | 72  | 100  | 400        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 50    | U         | 50  | 100  | 400        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 45    | U         | 45  | 51.8 | 210        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 19    | U         | 19  | 51.8 | 210        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 33    | U         | 33  | 51.8 | 210        | ug/Kg |
| 78-59-1        | Isophorone                  | 55    | J         | 44  | 51.8 | 210        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 37    | U         | 37  | 51.8 | 210        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 10    | U         | 10  | 51.8 | 210        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 38    | U         | 38  | 51.8 | 210        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 41    | U         | 41  | 51.8 | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 66    | J         | 40  | 51.8 | 210        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 54    | U         | 54  | 51.8 | 400        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 32    | U         | 32  | 51.8 | 210        | ug/Kg |
| 105-60-2       | Caprolactam                 | 49    | U         | 49  | 100  | 400        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 44    | U         | 44  | 51.8 | 210        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 120   | J         | 23  | 51.8 | 210        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 200   | J         | 45  | 51.8 | 210        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 23    | U         | 23  | 100  | 400        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 61    | U         | 61  | 51.8 | 210        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 60    | U         | 60  | 51.8 | 210        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC21        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-16     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.9                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034338.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 56    | U         | 56  | 51.8 | 210        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 54    | U         | 54  | 51.8 | 210        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 27    | U         | 27  | 51.8 | 210        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 46    | U         | 46  | 51.8 | 210        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 32    | U         | 32  | 51.8 | 210        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 56    | U         | 56  | 51.8 | 210        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 17    | U         | 17  | 100  | 400        | ug/Kg |
| 83-32-9    | Acenaphthene               | 61    | U         | 61  | 51.8 | 210        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 39    | U         | 39  | 100  | 400        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 13    | U         | 13  | 100  | 400        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 49    | U         | 49  | 51.8 | 210        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 16    | U         | 16  | 51.8 | 210        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 50    | U         | 50  | 51.8 | 210        | ug/Kg |
| 86-73-7    | Fluorene                   | 71    | U         | 71  | 51.8 | 210        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 58    | U         | 58  | 51.8 | 210        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 19    | U         | 19  | 100  | 400        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 48    | U         | 48  | 100  | 400        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 55    | U         | 55  | 51.8 | 210        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 55    | U         | 55  | 51.8 | 210        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 120   | U         | 120 | 51.8 | 210        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 61    | U         | 61  | 51.8 | 210        | ug/Kg |
| 1912-24-9  | Atrazine                   | 13    | U         | 13  | 100  | 400        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 16000 | E         | 46  | 100  | 400        | ug/Kg |
| 85-01-8    | Phenanthrene               | 65    | U         | 65  | 51.8 | 210        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 44    | U         | 44  | 51.8 | 210        | ug/Kg |
| 120-12-7   | Anthracene                 | 57    | U         | 57  | 51.8 | 210        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 6.8   | U         | 6.8 | 51.8 | 210        | ug/Kg |
| 86-74-8    | Carbazole                  | 74    | U         | 74  | 100  | 400        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 69    | U         | 69  | 51.8 | 210        | ug/Kg |
| 206-44-0   | Fluoranthene               | 55    | U         | 55  | 100  | 210        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC21        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-16     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.9                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034338.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 56     | U         | 56     | 51.8 | 210        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 52     | U         | 52     | 51.8 | 210        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 30     | U         | 30     | 100  | 400        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 48     | U         | 48     | 51.8 | 210        | ug/Kg    |
| 218-01-9          | Chrysene                    | 56     | U         | 56     | 51.8 | 210        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 52     | U         | 52     | 51.8 | 210        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 52     | U         | 52     | 100  | 400        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 58     | U         | 58     | 51.8 | 210        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 71     | U         | 71     | 51.8 | 210        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 69     | U         | 69     | 51.8 | 210        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 55     | U         | 55     | 51.8 | 210        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 63     | U         | 63     | 51.8 | 210        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 56     | U         | 56     | 51.8 | 210        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1900   |           | 63     | 51.8 | 210        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.946  |           | 15-120 |      | 37         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 8.039  |           | 20-120 |      | 20         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 13.78  |           | 10-130 |      | 34         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 14.306 |           | 10-150 |      | 36         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 15.845 |           | 15-120 |      | 40         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 13.637 |           | 10-140 |      | 34         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 15.957 |           | 10-135 |      | 40         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 17.001 |           | 10-120 |      | 43         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 16.469 |           | 10-140 |      | 41         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 13.394 |           | 1-145  |      | 33         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 15.515 |           | 10-145 |      | 39         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 16.477 |           | 15-120 |      | 41         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 9.518  |           | 10-150 |      | 24         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 16.311 |           | 20-140 |      | 41         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC21        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-16     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.9                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034338.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 11.271  |           | 10-130 |     | 28         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 16.91   |           | 10-150 |     | 42         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 15.973  |           | 10-130 |     | 40         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 16.854  |           | 10-140 |     | 42         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 254432  | 7.387     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 1020322 | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 638925  | 14.04     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1318244 | 16.798    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1334355 | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1620173 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain5.452  | 550     | J         |        |     | 5.452      |          |
| 000107-41-5                           | Hexylene glycol                    | 150     | J         |        |     | 5.758      |          |
|                                       | (DEL) Alkane: Straight-Chain5.981  | 160     | J         |        |     | 5.981      |          |
|                                       | (DEL) Alkane: Cyclic6.052          | 180     | J         |        |     | 6.052      |          |
|                                       | (DEL) Alkane: Straight-Chain6.405  | 170     | J         |        |     | 6.405      |          |
|                                       | (DEL) Alkane: Straight-Chain6.464  | 220     | J         |        |     | 6.464      |          |
|                                       | (DEL) Alkane: Straight-Chain7.028  | 1300    | J         |        |     | 7.028      |          |
| 000104-76-7                           | 1-Hexanol, 2-ethyl-                | 790     | J         |        |     | 7.463      |          |
|                                       | (DEL) Alkane: Straight-Chain7.922  | 260     | J         |        |     | 7.922      |          |
|                                       | (DEL) Alkane: Straight-Chain7.981  | 150     | J         |        |     | 7.981      |          |
|                                       | (DEL) Alkane: Straight-Chain8.152  | 180     | J         |        |     | 8.152      |          |
|                                       | (DEL) Alkane: Straight-Chain8.616  | 1100    | J         |        |     | 8.616      |          |
|                                       | unknown-01                         | 160     | J         |        |     | 8.722      |          |
| 000144-19-4                           | 1,3-Pentanediol, 2,2,4-trimethyl-  | 170     | J         |        |     | 9.675      |          |
|                                       | unknown-02                         | 140     | J         |        |     | 10.052     |          |
|                                       | unknown-03                         | 110     | J         |        |     | 10.84      |          |
|                                       | (DEL) Alkane: Straight-Chain11.193 | 180     | J         |        |     | 11.193     |          |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC21        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-16     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.9                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034338.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number   | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 014679-13-1  | Benzene, 1,3,5-trimethyl-2-(1-meth | 440   | J         |     |     | 11.257     |       |
|              | (DEL) Alkane: Straight-Chain11.599 | 340   | J         |     |     | 11.599     |       |
| 1000282-96-6 | 2-Fluorobenzoic acid. heptadecyl e | 120   | J         |     |     | 11.687     |       |
| 1000309-24-3 | Oxalic acid, allyl pentadecyl este | 220   | J         |     |     | 12.263     |       |
|              | (DEL) Alkane: Straight-Chain12.581 | 170   | J         |     |     | 12.581     |       |
|              | (DEL) Alkane: Straight-Chain12.881 | 500   | J         |     |     | 12.881     |       |
| 000575-37-1  | Naphthalene, 1,7-dimethyl-         | 140   | J         |     |     | 13.193     |       |
| 000575-41-7  | Naphthalene, 1,3-dimethyl-         | 180   | J         |     |     | 13.351     |       |
| 000582-16-1  | Naphthalene, 2,7-dimethyl-         | 270   | J         |     |     | 13.404     |       |
|              | (DEL) Alkane: Straight-Chain13.551 | 150   | J         |     |     | 13.551     |       |
| 000575-43-9  | Naphthalene, 1,6-dimethyl-         | 110   | J         |     |     | 13.593     |       |
| 007659-86-1  | 2-Ethylhexyl mercaptoacetate       | 2700  | J         |     |     | 13.975     |       |
|              | (DEL) Alkane: Cyclic14.151         | 520   | J         |     |     | 14.151     |       |
| 032962-25-7  | 1H-Indole, 4-(3-methyl-2-butenyl)- | 760   | J         |     |     | 14.198     |       |
|              | unknown-04                         | 190   | J         |     |     | 14.381     |       |
|              | (DEL) Alkane: Straight-Chain14.598 | 160   | J         |     |     | 14.598     |       |
| 004948-51-0  | 9-Methyl-S-octahydroanthracene     | 190   | J         |     |     | 14.763     |       |
| 065539-79-9  | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d | 1100  | J         |     |     | 14.816     |       |
| 019218-94-1  | Tetradecane, 1-iodo-               | 710   | J         |     |     | 14.934     |       |
| 016387-18-1  | Propanoic acid, 2,2-dimethyl-, 2-e | 140   | J         |     |     | 14.993     |       |
|              | (DEL) Alkane: Straight-Chain15.345 | 300   | J         |     |     | 15.345     |       |
|              | unknown-05                         | 160   | J         |     |     | 15.422     |       |
| 1000147-91-3 | 2-Methylidene-hydrazono-3-methyl-5 | 410   | J         |     |     | 15.704     |       |
|              | (DEL) Alkane: Straight-Chain15.804 | 500   | J         |     |     | 15.804     |       |
| 1000420-42-1 | Acetamide, 2-(4-methoxyphenyl)-N-m | 220   | J         |     |     | 15.887     |       |
| 010275-58-8  | Naphthalene, 2,7-bis(1,1-dimethyle | 170   | J         |     |     | 15.992     |       |
|              | unknown-06                         | 230   | J         |     |     | 16.134     |       |
|              | (DEL) Alkane: Straight-Chain16.598 | 310   | J         |     |     | 16.598     |       |
|              | (DEL) Alkane: Straight-Chain16.645 | 170   | J         |     |     | 16.645     |       |
|              | unknown-07                         | 130   | J         |     |     | 16.957     |       |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC21        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-16     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.9                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034338.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number  | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 187328-55-8 | 9,9-Dimethyl-9-sila-9,10-dihydroph | 120   | J         |     |     | 17.098     |       |
|             | (DEL) Alkane: Straight-Chain17.334 | 340   | J         |     |     | 17.334     |       |
| 000489-84-9 | Azulene, 1,4-dimethyl-7-(1-methyle | 110   | J         |     |     | 17.381     |       |
| 000057-10-3 | n-Hexadecanoic acid                | 130   | J         |     |     | 17.728     |       |
|             | (DEL) Alkane: Straight-Chain18.028 | 210   | J         |     |     | 18.028     |       |
|             | (DEL) Alkane: Straight-Chain18.675 | 200   | J         |     |     | 18.675     |       |
|             | (DEL) Alkane: Straight-Chain19.263 | 110   | J         |     |     | 19.263     |       |
|             | (DEL) Alkane: Straight-Chain19.804 | 180   | J         |     |     | 19.804     |       |
|             | (DEL) Alkane: Straight-Chain20.304 | 94    | J         |     |     | 20.304     |       |
| 002456-28-2 | Decane, 1,1-oxybis-                | 310   | J         |     |     | 20.775     |       |
|             | (DEL) Alkane: Straight-Chain21.251 | 140   | J         |     |     | 21.251     |       |
|             | (DEL) Alkane: Straight-Chain21.669 | 98    | J         |     |     | 21.669     |       |
|             | (DEL) Alkane: Straight-Chain21.775 | 140   | J         |     |     | 21.775     |       |
| E966796     | Total Alkanes                      | 9100  |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC22                 | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-17              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 19.1                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034339.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 8.1  | 82         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 59    | U         | 59  | 100  | 410        | ug/Kg |
| 110-86-1       | Pyridine                    | 15    | U         | 15  | 200  | 410        | ug/Kg |
| 108-95-2       | Phenol                      | 55    | U         | 55  | 100  | 410        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 43    | U         | 43  | 100  | 410        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 27    | U         | 27  | 52.4 | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 48    | U         | 48  | 100  | 410        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 36    | U         | 36  | 100  | 410        | ug/Kg |
| 98-86-2        | Acetophenone                | 73    | U         | 73  | 100  | 410        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 51    | U         | 51  | 100  | 410        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 46    | U         | 46  | 52.4 | 210        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 20    | U         | 20  | 52.4 | 210        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 33    | U         | 33  | 52.4 | 210        | ug/Kg |
| 78-59-1        | Isophorone                  | 260   |           | 44  | 52.4 | 210        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 37    | U         | 37  | 52.4 | 210        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 10    | U         | 10  | 52.4 | 210        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 38    | U         | 38  | 52.4 | 210        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 42    | U         | 42  | 52.4 | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 220   |           | 41  | 52.4 | 210        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 54    | U         | 54  | 52.4 | 410        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 32    | U         | 32  | 52.4 | 210        | ug/Kg |
| 105-60-2       | Caprolactam                 | 49    | U         | 49  | 100  | 410        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 44    | U         | 44  | 52.4 | 210        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 350   |           | 23  | 52.4 | 210        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 580   |           | 46  | 52.4 | 210        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 23    | U         | 23  | 100  | 410        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 62    | U         | 62  | 52.4 | 210        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 60    | U         | 60  | 52.4 | 210        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC22                 | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-17              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 19.1                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500              uL   |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034339.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 70    | J         | 57  | 52.4 | 210        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 54    | U         | 54  | 52.4 | 210        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 27    | U         | 27  | 52.4 | 210        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 47    | U         | 47  | 52.4 | 210        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 32    | U         | 32  | 52.4 | 210        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 57    | U         | 57  | 52.4 | 210        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 17    | U         | 17  | 100  | 410        | ug/Kg |
| 83-32-9    | Acenaphthene               | 62    | U         | 62  | 52.4 | 210        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 39    | U         | 39  | 100  | 410        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 14    | U         | 14  | 100  | 410        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 49    | U         | 49  | 52.4 | 210        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 16    | U         | 16  | 52.4 | 210        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 51    | U         | 51  | 52.4 | 210        | ug/Kg |
| 86-73-7    | Fluorene                   | 71    | U         | 71  | 52.4 | 210        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 59    | U         | 59  | 52.4 | 210        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 20    | U         | 20  | 100  | 410        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 48    | U         | 48  | 100  | 410        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 55    | U         | 55  | 52.4 | 210        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 55    | U         | 55  | 52.4 | 210        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 120   | U         | 120 | 52.4 | 210        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 62    | U         | 62  | 52.4 | 210        | ug/Kg |
| 1912-24-9  | Atrazine                   | 14    | U         | 14  | 100  | 410        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 30000 | E         | 47  | 100  | 410        | ug/Kg |
| 85-01-8    | Phenanthrene               | 120   | J         | 65  | 52.4 | 210        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 44    | U         | 44  | 52.4 | 210        | ug/Kg |
| 120-12-7   | Anthracene                 | 58    | U         | 58  | 52.4 | 210        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 6.9   | U         | 6.9 | 52.4 | 210        | ug/Kg |
| 86-74-8    | Carbazole                  | 75    | U         | 75  | 100  | 410        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 70    | U         | 70  | 52.4 | 210        | ug/Kg |
| 206-44-0   | Fluoranthene               | 55    | U         | 55  | 100  | 210        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC22     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-17  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 19.1                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           |                       |
| Extraction Type :  |           | Decanted :      | Level :               |
| Injection Volume : |           | GPC Factor :    | LOW                   |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034339.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 57     | U         | 57     | 52.4 | 210        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 53     | U         | 53     | 52.4 | 210        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 31     | U         | 31     | 100  | 410        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 48     | U         | 48     | 52.4 | 210        | ug/Kg    |
| 218-01-9          | Chrysene                    | 57     | U         | 57     | 52.4 | 210        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 53     | U         | 53     | 52.4 | 210        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 53     | U         | 53     | 100  | 410        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 59     | U         | 59     | 52.4 | 210        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 71     | U         | 71     | 52.4 | 210        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 70     | U         | 70     | 52.4 | 210        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 55     | U         | 55     | 52.4 | 210        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 64     | U         | 64     | 52.4 | 210        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 57     | U         | 57     | 52.4 | 210        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 3600   | E         | 64     | 52.4 | 210        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.252  |           | 15-120 |      | 41         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 5.255  | *         | 20-120 |      | 13         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 16.357 |           | 10-130 |      | 41         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 18.026 |           | 10-150 |      | 45         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 18.71  |           | 15-120 |      | 47         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 16.6   |           | 10-140 |      | 42         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 19.106 |           | 10-135 |      | 48         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 20.663 |           | 10-120 |      | 52         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 19.579 |           | 10-140 |      | 49         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 12.361 |           | 1-145  |      | 31         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 18.701 |           | 10-145 |      | 47         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 19.423 |           | 15-120 |      | 49         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 14.386 |           | 10-150 |      | 36         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 19.51  |           | 20-140 |      | 49         | SPK: -40 |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC22     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-17  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 19.1                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           |                       |
| Extraction Type :  |           | Decanted :      | Level :               |
| Injection Volume : |           | GPC Factor :    | LOW                   |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034339.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number                            | Parameter                         | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-----------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2     | 14.892  |           | 10-130 |     | 37         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                    | 19.734  |           | 10-150 |     | 49         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                        | 19.338  |           | 10-130 |     | 48         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                | 19.65   |           | 10-140 |     | 49         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                   |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4            | 247071  | 7.387     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                    | 989699  | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                  | 639176  | 14.04     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                  | 1340801 | 16.804    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                      | 1326694 | 21.028    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                      | 1608562 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                   |         |           |        |     |            |          |
| 000107-92-6                           | Butanoic acid                     | 420     | J         |        |     | 3.699      |          |
| 000123-42-2                           | 2-Pentanone, 4-hydroxy-4-methyl-  | 440     | A         |        |     | 4.587      |          |
|                                       | (DEL) Alkane: Straight-Chain5.452 | 1100    | J         |        |     | 5.452      |          |
| 000107-41-5                           | Hexylene glycol                   | 810     | J         |        |     | 5.775      |          |
|                                       | (DEL) Alkane: Straight-Chain5.981 | 290     | J         |        |     | 5.981      |          |
|                                       | (DEL) Alkane: Cyclic6.052         | 340     | J         |        |     | 6.052      |          |
|                                       | (DEL) Alkane: Straight-Chain6.411 | 360     | J         |        |     | 6.411      |          |
|                                       | (DEL) Alkane: Straight-Chain6.464 | 450     | J         |        |     | 6.464      |          |
|                                       | (DEL) Alkane: Straight-Chain7.034 | 2700    | J         |        |     | 7.034      |          |
| 000104-76-7                           | 1-Hexanol, 2-ethyl-               | 2100    | J         |        |     | 7.469      |          |
|                                       | unknown-01                        | 440     | J         |        |     | 7.634      |          |
| 001074-43-7                           | Benzene, 1-methyl-3-propyl-       | 560     | J         |        |     | 7.928      |          |
|                                       | (DEL) Alkane: Straight-Chain7.981 | 290     | J         |        |     | 7.981      |          |
| 001758-88-9                           | Benzene, 2-ethyl-1,4-dimethyl-    | 270     | J         |        |     | 8.022      |          |
|                                       | (DEL) Alkane: Straight-Chain8.052 | 350     | J         |        |     | 8.052      |          |
|                                       | (DEL) Alkane: Straight-Chain8.158 | 420     | J         |        |     | 8.158      |          |
|                                       | (DEL) Alkane: Straight-Chain8.616 | 2100    | J         |        |     | 8.616      |          |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC22      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-17   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 19.1                  |
| Sample Wt/Vol:     | 30.1       | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 500 uL                |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034339.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number   | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
|              | unknown-02                         | 660   | J         |     |     | 8.728      |       |
|              | (DEL) Alkane: Straight-Chain9.458  | 110   | J         |     |     | 9.458      |       |
| 000144-19-4  | 1,3-Pentanediol, 2,2,4-trimethyl-  | 490   | J         |     |     | 9.693      |       |
|              | unknown-03                         | 300   | J         |     |     | 10.058     |       |
|              | unknown-04                         | 420   | J         |     |     | 10.546     |       |
|              | (DEL) Alkane: Straight-Chain11.193 | 270   | J         |     |     | 11.193     |       |
| 014679-13-1  | Benzene, 1,3,5-trimethyl-2-(1-meth | 710   | J         |     |     | 11.258     |       |
|              | (DEL) Alkane: Straight-Chain11.605 | 520   | J         |     |     | 11.605     |       |
|              | unknown-05                         | 520   | J         |     |     | 12.269     |       |
|              | (DEL) Alkane: Straight-Chain12.587 | 440   | J         |     |     | 12.587     |       |
| 000575-43-9  | Naphthalene, 1,6-dimethyl-         | 280   | J         |     |     | 13.193     |       |
| 000581-40-8  | Naphthalene, 2,3-dimethyl-         | 340   | J         |     |     | 13.352     |       |
| 000581-42-0  | Naphthalene, 2,6-dimethyl-         | 550   | J         |     |     | 13.404     |       |
|              | (DEL) Alkane: Straight-Chain13.552 | 360   | J         |     |     | 13.552     |       |
| 007659-86-1  | 2-Ethylhexyl mercaptoacetate       | 4400  | J         |     |     | 13.981     |       |
|              | (DEL) Alkane: Cyclic14.152         | 770   | J         |     |     | 14.152     |       |
| 1000271-83-0 | Cyclopropane, 1-methoxy-2,2-dimeth | 2000  | J         |     |     | 14.204     |       |
|              | unknown-06                         | 410   | J         |     |     | 14.387     |       |
|              | (DEL) Alkane: Straight-Chain14.559 | 340   | J         |     |     | 14.599     |       |
| 004948-51-0  | 9-Methyl-S-octahydroanthracene     | 550   | J         |     |     | 14.763     |       |
| 1000080-19-4 | 1,2,3,4,5,6,7,8-Octahydro-1-methyl | 2500  | J         |     |     | 14.822     |       |
|              | (DEL) Alkane: Straight-Chain14.940 | 1500  | J         |     |     | 14.94      |       |
| 016387-18-1  | Propanoic acid, 2,2-dimethyl-, 2-e | 340   | J         |     |     | 14.993     |       |
|              | (DEL) Alkane: Straight-Chain15.345 | 690   | J         |     |     | 15.345     |       |
|              | unknown-07                         | 310   | J         |     |     | 15.428     |       |
|              | (DEL) Alkane: Straight-Chain15.563 | 230   | J         |     |     | 15.563     |       |
| 1000147-91-3 | 2-Methylidene-hydrazono-3-methyl-5 | 960   | J         |     |     | 15.704     |       |
|              | (DEL) Alkane: Straight-Chain15.804 | 1000  | J         |     |     | 15.804     |       |
|              | unknown-08                         | 440   | J         |     |     | 15.898     |       |
| 1010303-70-7 | 2,3-Dihydrothieno[3,4-b][1,4]dioxi | 430   | J         |     |     | 15.998     |       |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC22              | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-17           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 19.1                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034339.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number   | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
|              | unknown-09                         | 600   | J         |     |     | 16.134     |       |
|              | (DEL) Alkane: Straight-Chain16.598 | 700   | J         |     |     | 16.598     |       |
| 013187-99-0  | 2-Bromo dodecane                   | 410   | J         |     |     | 16.651     |       |
| 035599-77-0  | Tridecane, 1-iodo-                 | 700   | J         |     |     | 17.34      |       |
|              | (DEL) Alkane: Straight-Chain18.028 | 460   | J         |     |     | 18.028     |       |
|              | (DEL) Alkane: Straight-Chain18.675 | 490   | J         |     |     | 18.675     |       |
|              | (DEL) Alkane: Straight-Chain19.263 | 310   | J         |     |     | 19.263     |       |
|              | (DEL) Alkane: Straight-Chain19.798 | 550   | J         |     |     | 19.798     |       |
| 1000383-14-0 | Carbonic acid, 2-ethylhexyl tridec | 710   | J         |     |     | 20.775     |       |
|              | (DEL) Alkane: Straight-Chain21.251 | 330   | J         |     |     | 21.251     |       |
|              | (DEL) Alkane: Straight-Chain21.775 | 360   | J         |     |     | 21.775     |       |
| E966796      | Total Alkanes                      | 18000 |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC23        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-18     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.8                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034340.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 8    | 81         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 58    | U         | 58  | 100  | 400        | ug/Kg |
| 110-86-1       | Pyridine                    | 15    | U         | 15  | 200  | 400        | ug/Kg |
| 108-95-2       | Phenol                      | 55    | U         | 55  | 100  | 400        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 43    | U         | 43  | 100  | 400        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 27    | U         | 27  | 51.7 | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 47    | U         | 47  | 100  | 400        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 35    | U         | 35  | 100  | 400        | ug/Kg |
| 98-86-2        | Acetophenone                | 72    | U         | 72  | 100  | 400        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 50    | U         | 50  | 100  | 400        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 45    | U         | 45  | 51.7 | 210        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 19    | U         | 19  | 51.7 | 210        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 33    | U         | 33  | 51.7 | 210        | ug/Kg |
| 78-59-1        | Isophorone                  | 44    | U         | 44  | 51.7 | 210        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 36    | U         | 36  | 51.7 | 210        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 10    | U         | 10  | 51.7 | 210        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 38    | U         | 38  | 51.7 | 210        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 41    | U         | 41  | 51.7 | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 2200  |           | 40  | 51.7 | 210        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 54    | U         | 54  | 51.7 | 400        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 32    | U         | 32  | 51.7 | 210        | ug/Kg |
| 105-60-2       | Caprolactam                 | 49    | U         | 49  | 100  | 400        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 44    | U         | 44  | 51.7 | 210        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 3200  | E         | 23  | 51.7 | 210        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 5400  | E         | 45  | 51.7 | 210        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 23    | U         | 23  | 100  | 400        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 190   | J         | 61  | 51.7 | 210        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 480   |           | 60  | 51.7 | 210        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC23        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-18     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.8                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034340.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number | Parameter                  | Conc.  | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|--------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 450    |           | 56  | 51.7 | 210        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 54     | U         | 54  | 51.7 | 210        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 27     | U         | 27  | 51.7 | 210        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 46     | U         | 46  | 51.7 | 210        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 32     | U         | 32  | 51.7 | 210        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 56     | U         | 56  | 51.7 | 210        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 17     | U         | 17  | 100  | 400        | ug/Kg |
| 83-32-9    | Acenaphthene               | 150    | J         | 61  | 51.7 | 210        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 39     | U         | 39  | 100  | 400        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 13     | U         | 13  | 100  | 400        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 49     | U         | 49  | 51.7 | 210        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 16     | U         | 16  | 51.7 | 210        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 50     | U         | 50  | 51.7 | 210        | ug/Kg |
| 86-73-7    | Fluorene                   | 320    |           | 71  | 51.7 | 210        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 58     | U         | 58  | 51.7 | 210        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 19     | U         | 19  | 100  | 400        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 47     | U         | 47  | 100  | 400        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 55     | U         | 55  | 51.7 | 210        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 55     | U         | 55  | 51.7 | 210        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 120    | U         | 120 | 51.7 | 210        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 61     | U         | 61  | 51.7 | 210        | ug/Kg |
| 1912-24-9  | Atrazine                   | 13     | U         | 13  | 100  | 400        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 100000 | E         | 46  | 100  | 400        | ug/Kg |
| 85-01-8    | Phenanthrene               | 840    |           | 64  | 51.7 | 210        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 44     | U         | 44  | 51.7 | 210        | ug/Kg |
| 120-12-7   | Anthracene                 | 57     | U         | 57  | 51.7 | 210        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 6.8    | U         | 6.8 | 51.7 | 210        | ug/Kg |
| 86-74-8    | Carbazole                  | 74     | U         | 74  | 100  | 400        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 69     | U         | 69  | 51.7 | 210        | ug/Kg |
| 206-44-0   | Fluoranthene               | 55     | U         | 55  | 100  | 210        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC23        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-18     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.8                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034340.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 56     | U         | 56     | 51.7 | 210        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 52     | U         | 52     | 51.7 | 210        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 30     | U         | 30     | 100  | 400        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 47     | U         | 47     | 51.7 | 210        | ug/Kg    |
| 218-01-9          | Chrysene                    | 56     | U         | 56     | 51.7 | 210        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 110    | J         | 52     | 51.7 | 210        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 52     | U         | 52     | 100  | 400        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 58     | U         | 58     | 51.7 | 210        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 71     | U         | 71     | 51.7 | 210        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 69     | U         | 69     | 51.7 | 210        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 55     | U         | 55     | 51.7 | 210        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 63     | U         | 63     | 51.7 | 210        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 56     | U         | 56     | 51.7 | 210        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 16000  | E         | 63     | 51.7 | 210        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.387  |           | 15-120 |      | 67         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 19.794 |           | 20-120 |      | 49         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 28.017 |           | 10-130 |      | 70         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 31.375 |           | 10-150 |      | 78         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 29.051 |           | 15-120 |      | 73         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 25.402 |           | 10-140 |      | 64         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 35.756 |           | 10-135 |      | 89         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 35.662 |           | 10-120 |      | 89         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 34.027 |           | 10-140 |      | 85         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 31.994 |           | 1-145  |      | 80         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 24.371 |           | 10-145 |      | 61         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 25.479 |           | 15-120 |      | 64         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 26.276 |           | 10-150 |      | 66         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 26.084 |           | 20-140 |      | 65         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC23        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-18     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.8                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034340.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number                            | Parameter                         | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-----------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2     | 21.527  |           | 10-130 |     | 54         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                    | 26.438  |           | 10-150 |     | 66         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                        | 26.381  |           | 10-130 |     | 66         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                | 26.923  |           | 10-140 |     | 67         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                   |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4            | 202172  | 7.392     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                    | 740827  | 10.151    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                  | 567464  | 14.051    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                  | 1113157 | 16.833    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                      | 1135951 | 21.033    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                      | 1395983 | 23.75     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                   |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain5.463 | 1200    | J         |        |     | 5.463      |          |
|                                       | (DEL) Alkane: Cyclic5.704         | 330     | J         |        |     | 5.704      |          |
| 000107-41-5                           | Hexylene glycol                   | 940     | J         |        |     | 5.834      |          |
|                                       | (DEL) Alkane: Straight-Chain5.916 | 400     | J         |        |     | 5.916      |          |
|                                       | (DEL) Alkane: Straight-Chain5.993 | 410     | J         |        |     | 5.993      |          |
| 013395-76-1                           | Cyclohexanone, 2,3-dimethyl-      | 490     | J         |        |     | 6.057      |          |
|                                       | (DEL) Alkane: Straight-Chain6.322 | 360     | J         |        |     | 6.322      |          |
| 000103-65-1                           | Benzene, propyl-                  | 470     | J         |        |     | 6.387      |          |
|                                       | (DEL) Alkane: Straight-Chain6.422 | 490     | J         |        |     | 6.422      |          |
|                                       | (DEL) Alkane: Straight-Chain6.481 | 770     | J         |        |     | 6.481      |          |
| 000620-14-4                           | Benzene, 1-ethyl-3-methyl-        | 370     | J         |        |     | 6.51       |          |
| 000611-14-3                           | Benzene, 1-ethyl-2-methyl-        | 550     | J         |        |     | 6.798      |          |
| 019549-80-5                           | 2-Heptanone, 4,6-dimethyl-        | 550     | J         |        |     | 6.857      |          |
|                                       | (DEL) Alkane: Straight-Chain7.057 | 2100    | J         |        |     | 7.057      |          |
|                                       | (DEL) Alkane: Straight-Chain7.245 | 300     | J         |        |     | 7.245      |          |
| 000104-76-7                           | 1-Hexanol, 2-ethyl-               | 1300    | J         |        |     | 7.498      |          |
| 005989-27-5                           | D-Limonene                        | 680     | J         |        |     | 7.628      |          |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC23     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-18  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 17.8                  |
| Sample Wt/Vol:     | 30        | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           |                       |
| Extraction Type :  |           | Level :         | LOW                   |
| Decanted :         |           |                 |                       |
| Injection Volume : |           | GPC Factor :    |                       |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034340.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number   | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
|              | (DEL) Alkane: Cyclic7.681          | 700   | J         |     |     | 7.681      |       |
| 000873-94-9  | Cyclohexanone, 3,3,5-trimethyl-    | 330   | J         |     |     | 7.834      |       |
| 000141-93-5  | Benzene, 1,3-diethyl-              | 370   | J         |     |     | 7.887      |       |
| 001074-43-7  | Benzene, 1-methyl-3-propyl-        | 990   | J         |     |     | 7.945      |       |
|              | (DEL) Alkane: Straight-Chain7.998  | 510   | J         |     |     | 7.998      |       |
| 000934-80-5  | Benzene, 4-ethyl-1,2-dimethyl-     | 470   | J         |     |     | 8.039      |       |
|              | (DEL) Alkane: Straight-Chain8.175  | 810   | J         |     |     | 8.175      |       |
| 000527-84-4  | o-Cymene                           | 500   | J         |     |     | 8.398      |       |
|              | (DEL) Alkane: Straight-Chain8.651  | 1900  | J         |     |     | 8.651      |       |
|              | unknown-01                         | 850   | J         |     |     | 8.745      |       |
|              | (DEL) Alkane: Cyclic9.186          | 140   | J         |     |     | 9.186      |       |
|              | (DEL) Alkane: Straight-Chain9.475  | 230   | J         |     |     | 9.475      |       |
|              | (DEL) Alkane: Straight-Chain9.534  | 130   | J         |     |     | 9.534      |       |
|              | (DEL) Alkane: Straight-Chain9.616  | 120   | J         |     |     | 9.616      |       |
|              | (DEL) Alkane: Straight-Chain9.716  | 190   | J         |     |     | 9.716      |       |
|              | (DEL) Alkane: Straight-Chain10.345 | 100   | J         |     |     | 10.345     |       |
|              | unknown-02                         | 450   | J         |     |     | 10.563     |       |
|              | (DEL) Alkane: Straight-Chain11.628 | 470   | J         |     |     | 11.628     |       |
|              | (DEL) Alkane: Cyclic11.657         | 190   | J         |     |     | 11.657     |       |
|              | unknown-03                         | 790   | J         |     |     | 12.28      |       |
| 066563-30-2  | Bacchotricuneatin c                | 1200  | J         |     |     | 12.598     |       |
| 002349-07-7  | Propanoic acid, 2-methyl-, hexyl e | 690   | J         |     |     | 12.81      |       |
| 000141-86-6  | 2,6-Pyridinediamine                | 790   | J         |     |     | 13.104     |       |
| 000575-41-7  | Naphthalene, 1,3-dimethyl-         | 1200  | J         |     |     | 13.21      |       |
| 000582-16-1  | Naphthalene, 2,7-dimethyl-         | 1200  | J         |     |     | 13.369     |       |
| 000569-41-5  | Naphthalene, 1,8-dimethyl-         | 1500  | J         |     |     | 13.422     |       |
|              | (DEL) Alkane: Straight-Chain13.569 | 1900  | J         |     |     | 13.569     |       |
| 1000309-19-3 | Sulfurous acid, decyl 2-ethylhexyl | 3100  | J         |     |     | 13.998     |       |
| 004948-51-0  | 9-Methyl-S-octahydroanthracene     | 2000  | J         |     |     | 14.216     |       |
| 002131-42-2  | Naphthalene, 1,4,6-trimethyl-      | 840   | J         |     |     | 14.545     |       |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC23        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-18     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.8                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034340.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number  | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 000941-81-1 | (DEL) Alkane: Straight-Chain14.610 | 950   | J         |     |     | 14.61      |       |
|             | 4,6,8-Trimethylazulene             | 2900  | J         |     |     | 14.839     |       |
|             | (DEL) Alkane: Straight-Chain14.957 | 2400  | J         |     |     | 14.957     |       |
|             | (DEL) Alkane: Straight-Chain15.357 | 1800  | J         |     |     | 15.357     |       |
|             | unknown-04                         | 1400  | J         |     |     | 15.71      |       |
|             | (DEL) Alkane: Straight-Chain15.821 | 2400  | J         |     |     | 15.821     |       |
|             | (DEL) Alkane: Straight-Chain16.616 | 1500  | J         |     |     | 16.616     |       |
|             | (DEL) Alkane: Straight-Chain16.663 | 1600  | J         |     |     | 16.663     |       |
| 000112-39-0 | (DEL) Alkane: Straight-Chain17.351 | 1600  | J         |     |     | 17.351     |       |
|             | Hexadecanoic acid, methyl ester    | 1600  | J         |     |     | 17.521     |       |
|             | 000613-12-7                        | 720   | J         |     |     | 17.745     |       |
|             | (DEL) Alkane: Straight-Chain18.039 | 1400  | J         |     |     | 18.039     |       |
|             | (DEL) Alkane: Straight-Chain18.686 | 1500  | J         |     |     | 18.686     |       |
|             | (DEL) Alkane: Straight-Chain19.809 | 1100  | J         |     |     | 19.809     |       |
|             | (DEL) Alkane: Straight-Chain20.780 | 1800  | J         |     |     | 20.78      |       |
|             | (DEL) Alkane: Straight-Chain21.256 | 810   | J         |     |     | 21.256     |       |
| 000112-79-8 | 9-Octadecenoic acid, (E)-          | 930   | J         |     |     | 21.668     |       |
|             | (DEL) Alkane: Straight-Chain21.780 | 1200  | J         |     |     | 21.78      |       |
| E966796     | Total Alkanes                      | 34000 |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC23MS    | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-19MS | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 17.8                  |
| Sample Wt/Vol:     | 30.08      | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 500 uL                |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034341.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 540   |           | 15  | 8    | 81         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 2500  |           | 58  | 100  | 400        | ug/Kg |
| 110-86-1       | Pyridine                    | 1200  |           | 15  | 200  | 400        | ug/Kg |
| 108-95-2       | Phenol                      | 1100  |           | 55  | 100  | 400        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1100  |           | 42  | 100  | 400        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1300  |           | 27  | 51.6 | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1100  |           | 47  | 100  | 400        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 870   |           | 35  | 100  | 400        | ug/Kg |
| 98-86-2        | Acetophenone                | 7500  | E         | 72  | 100  | 400        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 960   |           | 50  | 100  | 400        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1200  |           | 45  | 51.6 | 210        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1300  |           | 19  | 51.6 | 210        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1400  |           | 33  | 51.6 | 210        | ug/Kg |
| 78-59-1        | Isophorone                  | 1900  |           | 44  | 51.6 | 210        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1600  |           | 36  | 51.6 | 210        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 1300  |           | 10  | 51.6 | 210        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1400  |           | 38  | 51.6 | 210        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1700  |           | 41  | 51.6 | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 3200  |           | 40  | 51.6 | 210        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 360   | J         | 53  | 51.6 | 400        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1600  |           | 32  | 51.6 | 210        | ug/Kg |
| 105-60-2       | Caprolactam                 | 820   |           | 49  | 100  | 400        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1200  |           | 44  | 51.6 | 210        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 4200  | E         | 23  | 51.6 | 210        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 6000  | E         | 45  | 51.6 | 210        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 1200  |           | 23  | 100  | 400        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1400  |           | 61  | 51.6 | 210        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1700  |           | 59  | 51.6 | 210        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC23MS      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-19MS   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.8                  |
| Sample Wt/Vol:     | 30.08        | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 500                   |
|                    |              | Test:           | uL                    |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034341.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number | Parameter                  | Conc.  | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|--------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1500   |           | 56  | 51.6 | 210        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 940    |           | 53  | 51.6 | 210        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 1100   |           | 27  | 51.6 | 210        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 1000   |           | 46  | 51.6 | 210        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 1400   |           | 32  | 51.6 | 210        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1200   |           | 56  | 51.6 | 210        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 640    |           | 17  | 100  | 400        | ug/Kg |
| 83-32-9    | Acenaphthene               | 1200   |           | 61  | 51.6 | 210        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 1200   |           | 39  | 100  | 400        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 1500   |           | 13  | 100  | 400        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 1100   |           | 49  | 51.6 | 210        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 1100   |           | 16  | 51.6 | 210        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 1000   |           | 50  | 51.6 | 210        | ug/Kg |
| 86-73-7    | Fluorene                   | 1300   |           | 70  | 51.6 | 210        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1100   |           | 58  | 51.6 | 210        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 730    |           | 19  | 100  | 400        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 4800   |           | 47  | 100  | 400        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1600   |           | 55  | 51.6 | 210        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1300   |           | 55  | 51.6 | 210        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1300   |           | 120 | 51.6 | 210        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1400   |           | 61  | 51.6 | 210        | ug/Kg |
| 1912-24-9  | Atrazine                   | 940    |           | 13  | 100  | 400        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 100000 | E         | 46  | 100  | 400        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1900   |           | 64  | 51.6 | 210        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 1300   |           | 44  | 51.6 | 210        | ug/Kg |
| 120-12-7   | Anthracene                 | 1200   |           | 57  | 51.6 | 210        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1400   |           | 6.8 | 51.6 | 210        | ug/Kg |
| 86-74-8    | Carbazole                  | 1100   |           | 74  | 100  | 400        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1100   |           | 69  | 51.6 | 210        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1200   |           | 55  | 100  | 210        | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC23MS    | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-19MS | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 17.8                  |
| Sample Wt/Vol:     | 30.08      | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 500                   |
|                    |            | Test:           | uL                    |
| Extraction Type :  |            | Decanted :      | Level :               |
|                    |            |                 | LOW                   |
| Injection Volume : |            | GPC Factor :    | GPC Cleanup :         |
|                    |            |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034341.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1200   |           | 56     | 51.6 | 210        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1100   |           | 52     | 51.6 | 210        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 510    |           | 30     | 100  | 400        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1100   |           | 47     | 51.6 | 210        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1100   |           | 56     | 51.6 | 210        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1200   |           | 52     | 51.6 | 210        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1100   |           | 52     | 100  | 400        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1100   |           | 58     | 51.6 | 210        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1100   |           | 70     | 51.6 | 210        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1100   |           | 69     | 51.6 | 210        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1200   |           | 55     | 51.6 | 210        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1200   |           | 63     | 51.6 | 210        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1200   |           | 56     | 51.6 | 210        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 16000  | E         | 63     | 51.6 | 210        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.796  |           | 15-120 |      | 60         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 18.668 |           | 20-120 |      | 47         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 26.963 |           | 10-130 |      | 67         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 29.646 |           | 10-150 |      | 74         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 27.564 |           | 15-120 |      | 69         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 23.413 |           | 10-140 |      | 59         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 35.409 |           | 10-135 |      | 89         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 35.138 |           | 10-120 |      | 88         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 33.458 |           | 10-140 |      | 84         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 20.028 |           | 1-145  |      | 50         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 23.285 |           | 10-145 |      | 58         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 24.313 |           | 15-120 |      | 61         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 27.262 |           | 10-150 |      | 68         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 23.388 |           | 20-140 |      | 58         | SPK: -40 |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC23MS             | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-19MS          | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC           | % Moisture:     | 17.8                  |
| Sample Wt/Vol:     | 30.08      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                  | Test:           |                       |
| Extraction Type :  | Decanted :          | Level :         | LOW                   |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034341.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 23.48   |           | 10-130 |     | 59         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 24.536  |           | 10-150 |     | 61         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 24.877  |           | 10-130 |     | 62         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 25.307  |           | 10-140 |     | 63         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 215970  | 7.393     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 762812  | 10.152    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 559270  | 14.051    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1064880 | 16.828    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1067803 | 21.039    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1360061 | 23.751    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 56      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |             |                 |                       |
|--------------------|-------------|-----------------|-----------------------|
| Client:            |             | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |             | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC23MSD    | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-20MSD | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC   | % Moisture:     | 17.8                  |
| Sample Wt/Vol:     | 30.06       | Units:          | g                     |
| Soil Aliquot Vol:  |             | Final Vol:      | 500                   |
|                    |             | Test:           |                       |
| Extraction Type :  |             | Decanted :      | Level :               |
| Injection Volume : |             | GPC Factor :    | LOW                   |
|                    |             | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034342.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 520   |           | 15  | 8    | 81         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 2500  |           | 58  | 100  | 400        | ug/Kg |
| 110-86-1       | Pyridine                    | 1100  |           | 15  | 200  | 400        | ug/Kg |
| 108-95-2       | Phenol                      | 1100  |           | 55  | 100  | 400        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1000  |           | 42  | 100  | 400        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1300  |           | 27  | 51.6 | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1100  |           | 47  | 100  | 400        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 870   |           | 35  | 100  | 400        | ug/Kg |
| 98-86-2        | Acetophenone                | 7400  | E         | 72  | 100  | 400        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 970   |           | 50  | 100  | 400        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1200  |           | 45  | 51.6 | 210        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1300  |           | 19  | 51.6 | 210        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1400  |           | 33  | 51.6 | 210        | ug/Kg |
| 78-59-1        | Isophorone                  | 1900  |           | 44  | 51.6 | 210        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1600  |           | 36  | 51.6 | 210        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 1300  |           | 10  | 51.6 | 210        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1400  |           | 38  | 51.6 | 210        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1700  |           | 41  | 51.6 | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 3200  |           | 40  | 51.6 | 210        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 420   |           | 53  | 51.6 | 400        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1500  |           | 32  | 51.6 | 210        | ug/Kg |
| 105-60-2       | Caprolactam                 | 810   |           | 49  | 100  | 400        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1200  |           | 44  | 51.6 | 210        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 4200  | E         | 23  | 51.6 | 210        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 6100  | E         | 45  | 51.6 | 210        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 1100  |           | 23  | 100  | 400        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1400  |           | 61  | 51.6 | 210        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1600  |           | 59  | 51.6 | 210        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                             |
|--------------------|------------------------|-----------------|-----------------------------|
| Client:            |                        | Date Collected: | 9/10/2024 12:00:00 AM       |
| Project:           |                        | Date Received:  | 9/10/2024 12:00:00 AM       |
| Client Sample ID:  | DDC23MSD               | SDG No.:        | BN100224                    |
| Lab Sample ID:     | P4016-20MSD            | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 17.8                        |
| Sample Wt/Vol:     | 30.06      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                     | Test:           |                             |
| Extraction Type :  | Decanted :             | Level :         | LOW                         |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034342.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1500  |           | 56  | 51.6 | 210        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 930   |           | 53  | 51.6 | 210        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 1000  |           | 27  | 51.6 | 210        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 1000  |           | 46  | 51.6 | 210        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 1500  |           | 32  | 51.6 | 210        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1100  |           | 56  | 51.6 | 210        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 630   |           | 17  | 100  | 400        | ug/Kg |
| 83-32-9    | Acenaphthene               | 1200  |           | 61  | 51.6 | 210        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 1200  |           | 39  | 100  | 400        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 1500  |           | 13  | 100  | 400        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 1100  |           | 49  | 51.6 | 210        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 1100  |           | 16  | 51.6 | 210        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 990   |           | 50  | 51.6 | 210        | ug/Kg |
| 86-73-7    | Fluorene                   | 1300  |           | 70  | 51.6 | 210        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1100  |           | 58  | 51.6 | 210        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 760   |           | 19  | 100  | 400        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 4700  |           | 47  | 100  | 400        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1600  |           | 55  | 51.6 | 210        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1300  |           | 55  | 51.6 | 210        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1200  |           | 120 | 51.6 | 210        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1400  |           | 61  | 51.6 | 210        | ug/Kg |
| 1912-24-9  | Atrazine                   | 920   |           | 13  | 100  | 400        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 98000 | E         | 46  | 100  | 400        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1900  |           | 64  | 51.6 | 210        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 1300  |           | 44  | 51.6 | 210        | ug/Kg |
| 120-12-7   | Anthracene                 | 1200  |           | 57  | 51.6 | 210        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1300  |           | 6.8 | 51.6 | 210        | ug/Kg |
| 86-74-8    | Carbazole                  | 1100  |           | 74  | 100  | 400        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1100  |           | 69  | 51.6 | 210        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1100  |           | 55  | 100  | 210        | ug/Kg |

## Report of Analysis

|                    |             |                 |                       |
|--------------------|-------------|-----------------|-----------------------|
| Client:            |             | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |             | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC23MSD    | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-20MSD | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC   | % Moisture:     | 17.8                  |
| Sample Wt/Vol:     | 30.06       | Units:          | g                     |
| Soil Aliquot Vol:  |             | Final Vol:      | 500                   |
|                    |             | Test:           | uL                    |
| Extraction Type :  |             | Decanted :      | Level :               |
|                    |             |                 | LOW                   |
| Injection Volume : |             | GPC Factor :    | GPC Cleanup :         |
|                    |             |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034342.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1200   |           | 56     | 51.6 | 210        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1100   |           | 52     | 51.6 | 210        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 480    |           | 30     | 100  | 400        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1100   |           | 47     | 51.6 | 210        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1100   |           | 56     | 51.6 | 210        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1200   |           | 52     | 51.6 | 210        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1100   |           | 52     | 100  | 400        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1100   |           | 58     | 51.6 | 210        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1100   |           | 70     | 51.6 | 210        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1100   |           | 69     | 51.6 | 210        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1200   |           | 55     | 51.6 | 210        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1200   |           | 63     | 51.6 | 210        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1300   |           | 56     | 51.6 | 210        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 16000  | E         | 63     | 51.6 | 210        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.662  |           | 15-120 |      | 58         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 17.77  |           | 20-120 |      | 44         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 26.346 |           | 10-130 |      | 66         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 29.304 |           | 10-150 |      | 73         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 26.927 |           | 15-120 |      | 67         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 23.168 |           | 10-140 |      | 58         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 33.879 |           | 10-135 |      | 85         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 33.22  |           | 10-120 |      | 83         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 33.547 |           | 10-140 |      | 84         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 20.167 |           | 1-145  |      | 50         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 22.614 |           | 10-145 |      | 57         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 24.218 |           | 15-120 |      | 61         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 26.795 |           | 10-150 |      | 67         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 24.437 |           | 20-140 |      | 61         | SPK: -40 |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC23MSD            | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-20MSD         | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC           | % Moisture:     | 17.8                  |
| Sample Wt/Vol:     | 30.06      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                  | Test:           |                       |
| Extraction Type :  | Decanted :          | Level :         | LOW                   |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034342.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 26.613  |           | 10-130 |     | 67         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 23.986  |           | 10-150 |     | 60         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 24.682  |           | 10-130 |     | 62         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 25.831  |           | 10-140 |     | 65         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 206960  | 7.393     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 749794  | 10.152    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 572761  | 14.051    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1135396 | 16.834    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1150794 | 21.039    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1399498 | 23.751    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 56      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC24     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-21  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034343.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 14    | U         | 14  | 7.9  | 80         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 58    | U         | 58  | 98.8 | 400        | ug/Kg |
| 110-86-1       | Pyridine                    | 14    | U         | 14  | 200  | 400        | ug/Kg |
| 108-95-2       | Phenol                      | 54    | U         | 54  | 98.8 | 400        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 42    | U         | 42  | 98.8 | 400        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 26    | U         | 26  | 50.9 | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 47    | U         | 47  | 98.8 | 400        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 35    | U         | 35  | 98.8 | 400        | ug/Kg |
| 98-86-2        | Acetophenone                | 71    | U         | 71  | 98.8 | 400        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 49    | U         | 49  | 98.8 | 400        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 44    | U         | 44  | 50.9 | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 19    | U         | 19  | 50.9 | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 32    | U         | 32  | 50.9 | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 43    | U         | 43  | 50.9 | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 36    | U         | 36  | 50.9 | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 10    | U         | 10  | 50.9 | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 37    | U         | 37  | 50.9 | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 41    | U         | 41  | 50.9 | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 930   |           | 40  | 50.9 | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 53    | U         | 53  | 50.9 | 400        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 31    | U         | 31  | 50.9 | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 48    | U         | 48  | 98.8 | 400        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 43    | U         | 43  | 50.9 | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 1500  |           | 23  | 50.9 | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 2600  |           | 44  | 50.9 | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 23    | U         | 23  | 98.8 | 400        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 60    | U         | 60  | 50.9 | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 540   |           | 59  | 50.9 | 200        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC24     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-21  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034343.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 220   |           | 55  | 50.9 | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 53    | U         | 53  | 50.9 | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 26    | U         | 26  | 50.9 | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 46    | U         | 46  | 50.9 | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 31    | U         | 31  | 50.9 | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 55    | U         | 55  | 50.9 | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 17    | U         | 17  | 98.8 | 400        | ug/Kg |
| 83-32-9    | Acenaphthene               | 77    | J         | 60  | 50.9 | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 38    | U         | 38  | 98.8 | 400        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 13    | U         | 13  | 98.8 | 400        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 48    | U         | 48  | 50.9 | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 16    | U         | 16  | 50.9 | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 49    | U         | 49  | 50.9 | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 160   | J         | 69  | 50.9 | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 58    | U         | 58  | 50.9 | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 19    | U         | 19  | 98.8 | 400        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 47    | U         | 47  | 98.8 | 400        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 54    | U         | 54  | 50.9 | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 54    | U         | 54  | 50.9 | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 120   | U         | 120 | 50.9 | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 60    | U         | 60  | 50.9 | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 13    | U         | 13  | 98.8 | 400        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 47000 | E         | 46  | 98.8 | 400        | ug/Kg |
| 85-01-8    | Phenanthrene               | 450   |           | 63  | 50.9 | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 43    | U         | 43  | 50.9 | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 56    | U         | 56  | 50.9 | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 6.7   | U         | 6.7 | 50.9 | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 73    | U         | 73  | 98.8 | 400        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 68    | U         | 68  | 50.9 | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 54    | U         | 54  | 98.8 | 200        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC24     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-21  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           |                       |
| Extraction Type :  |           | Decanted :      | Level :               |
| Injection Volume : |           | GPC Factor :    | LOW                   |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034343.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 55     | U         | 55     | 50.9 | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 52     | U         | 52     | 50.9 | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 30     | U         | 30     | 98.8 | 400        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 47     | U         | 47     | 50.9 | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 55     | U         | 55     | 50.9 | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 52     | U         | 52     | 50.9 | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 52     | U         | 52     | 98.8 | 400        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 58     | U         | 58     | 50.9 | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 69     | U         | 69     | 50.9 | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 68     | U         | 68     | 50.9 | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 54     | U         | 54     | 50.9 | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 62     | U         | 62     | 50.9 | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 55     | U         | 55     | 50.9 | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 5400   | E         | 62     | 50.9 | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.324  |           | 15-120 |      | 42         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 13.85  |           | 20-120 |      | 35         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 18.927 |           | 10-130 |      | 47         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 20.189 |           | 10-150 |      | 50         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 20.731 |           | 15-120 |      | 52         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 18.162 |           | 10-140 |      | 45         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 23.741 |           | 10-135 |      | 59         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 25.018 |           | 10-120 |      | 63         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 23.2   |           | 10-140 |      | 58         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 10.523 |           | 1-145  |      | 26         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 19.321 |           | 10-145 |      | 48         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 19.815 |           | 15-120 |      | 50         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 17.268 |           | 10-150 |      | 43         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 20.601 |           | 20-140 |      | 52         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC24        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-21     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1         | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 500                   |
|                    |              |                 | uL                    |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Cleanup :   | PH :                  |
|                    | GPC Factor : |                 |                       |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034343.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number                            | Parameter                         | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-----------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2     | 15.46   |           | 10-130 |     | 39         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                    | 20.311  |           | 10-150 |     | 51         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                        | 19.939  |           | 10-130 |     | 50         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                | 20.087  |           | 10-140 |     | 50         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                   |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4            | 228121  | 7.393     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                    | 857972  | 10.146    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                  | 621222  | 14.045    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                  | 1257009 | 16.81     |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                      | 1240149 | 21.033    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                      | 1504382 | 23.751    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                   |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain5.457 | 1100    | J         |        |     | 5.457      |          |
|                                       | (DEL) Alkane: Straight-Chain5.705 | 270     | J         |        |     | 5.705      |          |
|                                       | (DEL) Alkane: Straight-Chain5.910 | 280     | J         |        |     | 5.91       |          |
|                                       | (DEL) Alkane: Straight-Chain5.987 | 430     | J         |        |     | 5.987      |          |
| 013395-76-1                           | Cyclohexanone, 2,3-dimethyl-      | 420     | J         |        |     | 6.052      |          |
|                                       | (DEL) Alkane: Straight-Chain6.316 | 300     | J         |        |     | 6.316      |          |
|                                       | (DEL) Alkane: Straight-Chain6.381 | 350     | J         |        |     | 6.381      |          |
|                                       | (DEL) Alkane: Straight-Chain6.416 | 510     | J         |        |     | 6.416      |          |
|                                       | (DEL) Alkane: Straight-Chain6.469 | 660     | J         |        |     | 6.469      |          |
| 000620-14-4                           | Benzene, 1-ethyl-3-methyl-        | 390     | J         |        |     | 6.505      |          |
| 000611-14-3                           | Benzene, 1-ethyl-2-methyl-        | 390     | J         |        |     | 6.793      |          |
| 019549-80-5                           | 2-Heptanone, 4,6-dimethyl-        | 330     | J         |        |     | 6.846      |          |
|                                       | (DEL) Alkane: Straight-Chain7.052 | 2600    | J         |        |     | 7.052      |          |
| 1010309-37-4                          | Oxalic acid, isobutyl nonyl ester | 460     | J         |        |     | 7.475      |          |
| 000108-67-8                           | Mesitylene                        | 420     | J         |        |     | 7.504      |          |
|                                       | (DEL) Alkane: Straight-Chain7.593 | 280     | J         |        |     | 7.593      |          |
|                                       | (DEL) Alkane: Cyclic7.675         | 670     | J         |        |     | 7.675      |          |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC24      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-21   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1       | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 500 uL                |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034343.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number  | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 000141-93-5 | Benzene, 1,3-diethyl-              | 290   | J         |     |     | 7.881      |       |
| 001074-55-1 | Benzene, 1-methyl-4-propyl-        | 950   | J         |     |     | 7.934      |       |
|             | (DEL) Alkane: Straight-Chain7.993  | 500   | J         |     |     | 7.993      |       |
| 000934-80-5 | Benzene, 4-ethyl-1,2-dimethyl-     | 490   | J         |     |     | 8.028      |       |
|             | (DEL) Alkane: Straight-Chain8.163  | 740   | J         |     |     | 8.163      |       |
| 001758-88-9 | Benzene, 2-ethyl-1,4-dimethyl-     | 390   | J         |     |     | 8.34       |       |
| 000527-84-4 | o-Cymene                           | 430   | J         |     |     | 8.387      |       |
|             | (DEL) Alkane: Straight-Chain8.640  | 2200  | J         |     |     | 8.64       |       |
|             | unknown-01                         | 850   | J         |     |     | 8.734      |       |
| 000099-87-6 | p-Cymene                           | 120   | J         |     |     | 8.816      |       |
|             | (DEL) Alkane: Straight-Chain9.175  | 81    | J         |     |     | 9.175      |       |
|             | (DEL) Alkane: Straight-Chain9.463  | 190   | J         |     |     | 9.463      |       |
|             | (DEL) Alkane: Straight-Chain9.528  | 100   | J         |     |     | 9.528      |       |
|             | (DEL) Alkane: Straight-Chain9.610  | 110   | J         |     |     | 9.61       |       |
|             | (DEL) Alkane: Straight-Chain9.716  | 100   | J         |     |     | 9.716      |       |
|             | unknown-02                         | 130   | J         |     |     | 9.863      |       |
|             | unknown-03                         | 380   | J         |     |     | 10.551     |       |
|             | (DEL) Alkane: Straight-Chain10.687 | 230   | J         |     |     | 10.687     |       |
| 076649-14-4 | 3-Octen-2-ol                       | 280   | J         |     |     | 11.204     |       |
| 014679-13-1 | Benzene, 1,3,5-trimethyl-2-(1-meth | 200   | J         |     |     | 11.263     |       |
| 006413-83-8 | 2,4-Dipropyl-5-ethyl-1,3-dioxane   | 210   | J         |     |     | 11.44      |       |
|             | (DEL) Alkane: Straight-Chain11.616 | 400   | J         |     |     | 11.616     |       |
|             | unknown-04                         | 140   | J         |     |     | 11.645     |       |
|             | (DEL) Alkane: Straight-Chain12.269 | 670   | J         |     |     | 12.269     |       |
|             | (DEL) Alkane: Cyclic12.304         | 520   | J         |     |     | 12.304     |       |
|             | (DEL) Alkane: Straight-Chain12.375 | 600   | J         |     |     | 12.375     |       |
|             | (DEL) Alkane: Straight-Chain12.592 | 930   | J         |     |     | 12.592     |       |
| 000573-98-8 | Naphthalene, 1,2-dimethyl-         | 1500  | J         |     |     | 13.204     |       |
| 000582-16-1 | Naphthalene, 2,7-dimethyl-         | 970   | J         |     |     | 13.363     |       |
| 000575-37-1 | Naphthalene, 1,7-dimethyl-         | 1100  | J         |     |     | 13.416     |       |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC24        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-21     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1         | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 500                   |
|                    |              |                 | uL                    |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Cleanup :   | PH :                  |
|                    | GPC Factor : |                 |                       |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034343.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number   | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
|              | (DEL) Alkane: Straight-Chain13.557 | 1500  | J         |     |     | 13.557     |       |
| 000571-58-4  | Naphthalene, 1,4-dimethyl-         | 550   | J         |     |     | 13.598     |       |
|              | (DEL) Alkane: Straight-Chain13.986 | 2800  | J         |     |     | 13.986     |       |
| 1000271-83-0 | Cyclopropane, 1-methoxy-2,2-dimeth | 1400  | J         |     |     | 14.21      |       |
| 002245-38-7  | Naphthalene, 1,6,7-trimethyl-      | 610   | J         |     |     | 14.451     |       |
| 002131-42-2  | Naphthalene, 1,4,6-trimethyl-      | 620   | J         |     |     | 14.539     |       |
|              | (DEL) Alkane: Straight-Chain14.604 | 710   | J         |     |     | 14.604     |       |
| 000829-26-5  | Naphthalene, 2,3,6-trimethyl-      | 1900  | J         |     |     | 14.828     |       |
|              | (DEL) Alkane: Straight-Chain14.945 | 2300  | J         |     |     | 14.945     |       |
|              | (DEL) Alkane: Straight-Chain15.351 | 1400  | J         |     |     | 15.351     |       |
|              | unknown-05                         | 1300  | J         |     |     | 15.704     |       |
|              | (DEL) Alkane: Straight-Chain15.816 | 2900  | J         |     |     | 15.816     |       |
|              | (DEL) Alkane: Straight-Chain16.604 | 2100  | J         |     |     | 16.604     |       |
|              | (DEL) Alkane: Straight-Chain16.657 | 1700  | J         |     |     | 16.657     |       |
|              | (DEL) Alkane: Straight-Chain17.345 | 1900  | J         |     |     | 17.345     |       |
| 000112-39-0  | Hexadecanoic acid, methyl ester    | 1700  | J         |     |     | 17.516     |       |
| 000057-10-3  | n-Hexadecanoic acid                | 890   | J         |     |     | 17.739     |       |
|              | (DEL) Alkane: Straight-Chain18.033 | 1500  | J         |     |     | 18.033     |       |
|              | (DEL) Alkane: Straight-Chain18.680 | 1700  | J         |     |     | 18.68      |       |
|              | (DEL) Alkane: Straight-Chain19.269 | 410   | J         |     |     | 19.269     |       |
|              | (DEL) Alkane: Straight-Chain19.804 | 440   | J         |     |     | 19.804     |       |
|              | (DEL) Alkane: Straight-Chain20.780 | 800   | J         |     |     | 20.78      |       |
|              | (DEL) Alkane: Straight-Chain21.780 | 470   | J         |     |     | 21.78      |       |
| E966796      | Total Alkanes                      | 37000 |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC25        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-22     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 19.1                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034344.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 8.2  | 82         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 59    | U         | 59  | 100  | 410        | ug/Kg |
| 110-86-1       | Pyridine                    | 15    | U         | 15  | 200  | 410        | ug/Kg |
| 108-95-2       | Phenol                      | 56    | U         | 56  | 100  | 410        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 43    | U         | 43  | 100  | 410        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 27    | U         | 27  | 52.5 | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 48    | U         | 48  | 100  | 410        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 36    | U         | 36  | 100  | 410        | ug/Kg |
| 98-86-2        | Acetophenone                | 73    | U         | 73  | 100  | 410        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 51    | U         | 51  | 100  | 410        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 46    | U         | 46  | 52.5 | 210        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 20    | U         | 20  | 52.5 | 210        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 33    | U         | 33  | 52.5 | 210        | ug/Kg |
| 78-59-1        | Isophorone                  | 44    | U         | 44  | 52.5 | 210        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 37    | U         | 37  | 52.5 | 210        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 11    | U         | 11  | 52.5 | 210        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 38    | U         | 38  | 52.5 | 210        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 42    | U         | 42  | 52.5 | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 41    | U         | 41  | 52.5 | 210        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 54    | U         | 54  | 52.5 | 410        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 32    | U         | 32  | 52.5 | 210        | ug/Kg |
| 105-60-2       | Caprolactam                 | 49    | U         | 49  | 100  | 410        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 44    | U         | 44  | 52.5 | 210        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 23    | U         | 23  | 52.5 | 210        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 46    | U         | 46  | 52.5 | 210        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 23    | U         | 23  | 100  | 410        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 62    | U         | 62  | 52.5 | 210        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 61    | U         | 61  | 52.5 | 210        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC25        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-22     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 19.1                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034344.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 57    | U         | 57  | 52.5 | 210        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 54    | U         | 54  | 52.5 | 210        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 27    | U         | 27  | 52.5 | 210        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 47    | U         | 47  | 52.5 | 210        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 32    | U         | 32  | 52.5 | 210        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 57    | U         | 57  | 52.5 | 210        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 17    | U         | 17  | 100  | 410        | ug/Kg |
| 83-32-9    | Acenaphthene               | 62    | U         | 62  | 52.5 | 210        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 40    | U         | 40  | 100  | 410        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 14    | U         | 14  | 100  | 410        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 49    | U         | 49  | 52.5 | 210        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 16    | U         | 16  | 52.5 | 210        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 51    | U         | 51  | 52.5 | 210        | ug/Kg |
| 86-73-7    | Fluorene                   | 72    | U         | 72  | 52.5 | 210        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 59    | U         | 59  | 52.5 | 210        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 20    | U         | 20  | 100  | 410        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 48    | U         | 48  | 100  | 410        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 56    | U         | 56  | 52.5 | 210        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 56    | U         | 56  | 52.5 | 210        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 120   | U         | 120 | 52.5 | 210        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 62    | U         | 62  | 52.5 | 210        | ug/Kg |
| 1912-24-9  | Atrazine                   | 14    | U         | 14  | 100  | 410        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 3600  |           | 47  | 100  | 410        | ug/Kg |
| 85-01-8    | Phenanthrene               | 66    | U         | 66  | 52.5 | 210        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 44    | U         | 44  | 52.5 | 210        | ug/Kg |
| 120-12-7   | Anthracene                 | 58    | U         | 58  | 52.5 | 210        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 6.9   | U         | 6.9 | 52.5 | 210        | ug/Kg |
| 86-74-8    | Carbazole                  | 75    | U         | 75  | 100  | 410        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 70    | U         | 70  | 52.5 | 210        | ug/Kg |
| 206-44-0   | Fluoranthene               | 56    | U         | 56  | 100  | 210        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC25        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-22     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 19.1                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034344.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 57     | U         | 57     | 52.5 | 210        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 53     | U         | 53     | 52.5 | 210        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 31     | U         | 31     | 100  | 410        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 48     | U         | 48     | 52.5 | 210        | ug/Kg    |
| 218-01-9          | Chrysene                    | 57     | U         | 57     | 52.5 | 210        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 53     | U         | 53     | 52.5 | 210        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 53     | U         | 53     | 100  | 410        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 59     | U         | 59     | 52.5 | 210        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 72     | U         | 72     | 52.5 | 210        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 70     | U         | 70     | 52.5 | 210        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 56     | U         | 56     | 52.5 | 210        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 64     | U         | 64     | 52.5 | 210        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 57     | U         | 57     | 52.5 | 210        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 220    |           | 64     | 52.5 | 210        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.138  |           | 15-120 |      | 39         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 10.28  |           | 20-120 |      | 26         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 15.3   |           | 10-130 |      | 38         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 14.604 |           | 10-150 |      | 37         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 17.406 |           | 15-120 |      | 44         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 15.222 |           | 10-140 |      | 38         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 16.94  |           | 10-135 |      | 42         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 18.291 |           | 10-120 |      | 46         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 17.451 |           | 10-140 |      | 44         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 15.793 |           | 1-145  |      | 39         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 18.298 |           | 10-145 |      | 46         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 18.63  |           | 15-120 |      | 47         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 9.014  |           | 10-150 |      | 23         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 18.345 |           | 20-140 |      | 46         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC25        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-22     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 19.1                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034344.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 12.244  |           | 10-130 |     | 31         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 19.653  |           | 10-150 |     | 49         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 19.388  |           | 10-130 |     | 48         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 19.869  |           | 10-140 |     | 50         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 261664  | 7.387     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1045935 | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 624197  | 14.04     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1216684 | 16.798    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1156283 | 21.028    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1414429 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 330     | J         |        |     | 15.422     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 270     | J         |        |     | 17.734     |          |
| 015594-90-8                           | 1-Heneicosanol                | 170     | J         |        |     | 20.763     |          |
| E966796                               | Total Alkanes                 | 57      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/17/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/17/2024 12:00:00 AM |
| Client Sample ID:  | SLCS456      | SDG No.:        | BN100224              |
| Lab Sample ID:     | PB163456BS   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034345.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 290   |           | 12  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 740   |           | 48  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 650   |           | 12  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 680   |           | 45  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 700   |           | 35  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 770   |           | 22  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 680   |           | 39  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 610   |           | 29  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 660   |           | 59  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 670   |           | 41  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 620   |           | 37  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 740   |           | 16  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 690   |           | 27  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 690   |           | 36  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 830   |           | 30  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 610   |           | 8.5 | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 720   |           | 31  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 820   |           | 34  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 780   |           | 33  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 650   |           | 44  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 840   |           | 26  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 640   |           | 40  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 670   |           | 36  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 740   |           | 19  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 750   |           | 37  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 660   |           | 19  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 810   |           | 50  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 820   |           | 49  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/17/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/17/2024 12:00:00 AM |
| Client Sample ID:  | SLCS456      | SDG No.:        | BN100224              |
| Lab Sample ID:     | PB163456BS   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034345.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 760   |           | 46  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 790   |           | 44  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 600   |           | 22  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 720   |           | 38  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 750   |           | 26  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 770   |           | 46  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 690   |           | 14  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 740   |           | 50  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 610   |           | 32  | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 540   |           | 11  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 740   |           | 40  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 730   |           | 13  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 690   |           | 41  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 740   |           | 58  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 760   |           | 48  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 710   |           | 16  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 740   |           | 39  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 780   |           | 45  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 860   |           | 45  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 860   |           | 99  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 840   |           | 50  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 680   |           | 11  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 860   |           | 38  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 770   |           | 53  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 810   |           | 36  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 760   |           | 47  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 850   |           | 5.6 | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 760   |           | 61  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 730   |           | 57  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 770   |           | 45  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/17/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/17/2024 12:00:00 AM |
| Client Sample ID:  | SLCS456      | SDG No.:        | BN100224              |
| Lab Sample ID:     | PB163456BS   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034345.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 760    |           | 46     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 720    |           | 43     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 790    |           | 25     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 760    |           | 39     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 750    |           | 46     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 770    |           | 43     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 740    |           | 43     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 760    |           | 48     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 790    |           | 58     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 770    |           | 57     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 830    |           | 45     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 830    |           | 52     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 840    |           | 46     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 800    |           | 52     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.536  |           | 15-120 |      | 57         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 20.226 |           | 20-120 |      | 51         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 21.103 |           | 10-130 |      | 53         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 19.834 |           | 10-150 |      | 50         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.174 |           | 15-120 |      | 60         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 20.378 |           | 10-140 |      | 51         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 24.277 |           | 10-135 |      | 61         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 25.824 |           | 10-120 |      | 65         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 25.185 |           | 10-140 |      | 63         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 21.373 |           | 1-145  |      | 53         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 22.258 |           | 10-145 |      | 56         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 23.746 |           | 15-120 |      | 59         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 19.707 |           | 10-150 |      | 49         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 22.775 |           | 20-140 |      | 57         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/17/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/17/2024 12:00:00 AM |
| Client Sample ID:  | SLCS456      | SDG No.:        | BN100224              |
| Lab Sample ID:     | PB163456BS   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034345.D        | 1         | 9/17/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163456      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 22.646  |           | 10-130 |     | 57         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 23.476  |           | 10-150 |     | 59         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 23.622  |           | 10-130 |     | 59         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 24.471  |           | 10-140 |     | 61         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 216095  | 7.387     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 853931  | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 537674  | 14.04     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1071599 | 16.798    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1045721 | 21.033    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1287711 | 23.745    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 46      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | SBLK513      | SDG No.:        | BN100224              |
| Lab Sample ID:     | PB163513BL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034347.D        | 1         | 9/19/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163513      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 12    | U         | 12  | 6.6  | 67         | ug/Kg |
| 110-86-1       | Pyridine                    | 12    | U         | 12  | 170  | 330        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 48    | U         | 48  | 82.5 | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 45    | U         | 45  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 35    | U         | 35  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 22    | U         | 22  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 39    | U         | 39  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 29    | U         | 29  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 59    | U         | 59  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 41    | U         | 41  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 37    | U         | 37  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 16    | U         | 16  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 36    | U         | 36  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 30    | U         | 30  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 8.5   | U         | 8.5 | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 31    | U         | 31  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 44    | U         | 44  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 40    | U         | 40  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 36    | U         | 36  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 19    | U         | 19  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 37    | U         | 37  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 19    | U         | 19  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 49    | U         | 49  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | SBLK513      | SDG No.:        | BN100224              |
| Lab Sample ID:     | PB163513BL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034347.D        | 1         | 9/19/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163513      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 46    | U         | 46  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 44    | U         | 44  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 22    | U         | 22  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 38    | U         | 38  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 46    | U         | 46  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 14    | U         | 14  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 32    | U         | 32  | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 11    | U         | 11  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 40    | U         | 40  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 13    | U         | 13  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 58    | U         | 58  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 48    | U         | 48  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 16    | U         | 16  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 39    | U         | 39  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 99    | U         | 99  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 11    | U         | 11  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 38    | U         | 38  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 53    | U         | 53  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 36    | U         | 36  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 47    | U         | 47  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 5.6   | U         | 5.6 | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 61    | U         | 61  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 57    | U         | 57  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 45    | U         | 45  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | SBLK513      | SDG No.:        | BN100224              |
| Lab Sample ID:     | PB163513BL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034347.D        | 1         | 9/19/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163513      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 46     | U         | 46     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 43     | U         | 43     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 25     | U         | 25     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 39     | U         | 39     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 46     | U         | 46     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 43     | U         | 43     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 43     | U         | 43     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 48     | U         | 48     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 58     | U         | 58     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 57     | U         | 57     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 45     | U         | 45     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 52     | U         | 52     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 46     | U         | 46     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 52     | U         | 52     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.257  |           | 15-120 |      | 66         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 22.221 |           | 20-120 |      | 56         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 23.281 |           | 10-130 |      | 58         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 22.66  |           | 10-150 |      | 57         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 26.567 |           | 15-120 |      | 66         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 22.927 |           | 10-140 |      | 57         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 27.549 |           | 10-135 |      | 69         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 28.841 |           | 10-120 |      | 72         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 26.253 |           | 10-140 |      | 66         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.578 |           | 1-145  |      | 61         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.234 |           | 10-145 |      | 66         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 27.606 |           | 15-120 |      | 69         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 17.224 |           | 10-150 |      | 43         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 26.706 |           | 20-140 |      | 67         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | SBLK513      | SDG No.:        | BN100224              |
| Lab Sample ID:     | PB163513BL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034347.D        | 1         | 9/19/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163513      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 20.825  |           | 10-130 |     | 52         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 28.497  |           | 10-150 |     | 71         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 28.729  |           | 10-130 |     | 72         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 28.713  |           | 10-140 |     | 72         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 261184  | 7.387     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1039657 | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 623368  | 14.039    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1207724 | 16.798    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1167747 | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1415215 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 46      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |             |                 |                       |
|--------------------|-------------|-----------------|-----------------------|
| Client:            |             | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |             | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDCA9DL2    | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4019-06DL2 | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC   | % Moisture:     | 19.5                  |
| Sample Wt/Vol:     | 30.1        | Units:          | g                     |
| Soil Aliquot Vol:  |             | Final Vol:      | 500                   |
|                    |             | Test:           | uL                    |
| Extraction Type :  |             | Decanted :      | Level :               |
|                    |             |                 | LOW                   |
| Injection Volume : |             | GPC Factor :    | GPC Cleanup :         |
|                    |             |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034348.D        | 10        | 9/20/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163562      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 150   | U         | 150 | 81.7 | 830        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 590   | U         | 590 | 1000 | 4100       | ug/Kg |
| 110-86-1       | Pyridine                    | 150   | U         | 150 | 2000 | 4100       | ug/Kg |
| 108-95-2       | Phenol                      | 560   | U         | 560 | 1000 | 4100       | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 430   | U         | 430 | 1000 | 4100       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 270   | U         | 270 | 530  | 2100       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 480   | U         | 480 | 1000 | 4100       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 360   | U         | 360 | 1000 | 4100       | ug/Kg |
| 98-86-2        | Acetophenone                | 730   | U         | 730 | 1000 | 4100       | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 510   | U         | 510 | 1000 | 4100       | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 460   | U         | 460 | 530  | 2100       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 200   | U         | 200 | 530  | 2100       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 330   | U         | 330 | 530  | 2100       | ug/Kg |
| 78-59-1        | Isophorone                  | 450   | U         | 450 | 530  | 2100       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 370   | U         | 370 | 530  | 2100       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 110   | U         | 110 | 530  | 2100       | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 380   | U         | 380 | 530  | 2100       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 420   | U         | 420 | 530  | 2100       | ug/Kg |
| 91-20-3        | Naphthalene                 | 410   | U         | 410 | 530  | 2100       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 540   | U         | 540 | 530  | 4100       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 320   | U         | 320 | 530  | 2100       | ug/Kg |
| 105-60-2       | Caprolactam                 | 500   | U         | 500 | 1000 | 4100       | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 450   | U         | 450 | 530  | 2100       | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 240   | U         | 240 | 530  | 2100       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 460   | U         | 460 | 530  | 2100       | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 240   | U         | 240 | 1000 | 4100       | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 620   | U         | 620 | 530  | 2100       | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 610   | U         | 610 | 530  | 2100       | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/10/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 9/10/2024 12:00:00 AM       |
| Client Sample ID:  | DDCA9DL2              | SDG No.:        | BN100224                    |
| Lab Sample ID:     | P4019-06DL2           | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 19.5                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034348.D        | 10        | 9/20/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163562      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 570   | U         | 570  | 530  | 2100       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 540   | U         | 540  | 530  | 2100       | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 270   | U         | 270  | 530  | 2100       | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 470   | U         | 470  | 530  | 2100       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 320   | U         | 320  | 530  | 2100       | ug/Kg |
| 208-96-8   | Acenaphthylene             | 570   | U         | 570  | 530  | 2100       | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 170   | U         | 170  | 1000 | 4100       | ug/Kg |
| 83-32-9    | Acenaphthene               | 620   | U         | 620  | 530  | 2100       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 400   | U         | 400  | 1000 | 4100       | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 140   | U         | 140  | 1000 | 4100       | ug/Kg |
| 132-64-9   | Dibenzofuran               | 500   | U         | 500  | 530  | 2100       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 160   | U         | 160  | 530  | 2100       | ug/Kg |
| 84-66-2    | Diethylphthalate           | 510   | U         | 510  | 530  | 2100       | ug/Kg |
| 86-73-7    | Fluorene                   | 720   | U         | 720  | 530  | 2100       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 590   | U         | 590  | 530  | 2100       | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 200   | U         | 200  | 1000 | 4100       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 480   | U         | 480  | 1000 | 4100       | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 560   | U         | 560  | 530  | 2100       | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 560   | U         | 560  | 530  | 2100       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1200  | U         | 1200 | 530  | 2100       | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 620   | U         | 620  | 530  | 2100       | ug/Kg |
| 1912-24-9  | Atrazine                   | 140   | U         | 140  | 1000 | 4100       | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 45000 | D         | 470  | 1000 | 4100       | ug/Kg |
| 85-01-8    | Phenanthrene               | 660   | U         | 660  | 530  | 2100       | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 450   | U         | 450  | 530  | 2100       | ug/Kg |
| 120-12-7   | Anthracene                 | 580   | U         | 580  | 530  | 2100       | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 69    | U         | 69   | 530  | 2100       | ug/Kg |
| 86-74-8    | Carbazole                  | 760   | U         | 760  | 1000 | 4100       | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 710   | U         | 710  | 530  | 2100       | ug/Kg |
| 206-44-0   | Fluoranthene               | 560   | U         | 560  | 1000 | 2100       | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDCA9DL2              | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4019-06DL2           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 19.5                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034348.D        | 10        | 9/20/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163562      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 570   | U         | 570    | 530  | 2100       | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 530   | U         | 530    | 530  | 2100       | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 310   | U         | 310    | 1000 | 4100       | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 480   | U         | 480    | 530  | 2100       | ug/Kg    |
| 218-01-9          | Chrysene                    | 570   | U         | 570    | 530  | 2100       | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 530   | U         | 530    | 530  | 2100       | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 530   | U         | 530    | 1000 | 4100       | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 590   | U         | 590    | 530  | 2100       | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 720   | U         | 720    | 530  | 2100       | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 710   | U         | 710    | 530  | 2100       | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 560   | U         | 560    | 530  | 2100       | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 640   | U         | 640    | 530  | 2100       | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 570   | U         | 570    | 530  | 2100       | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 4500  | D         | 640    | 530  | 2100       | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 0     | U         | 15-120 |      | 0          | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 3.4   | U         | 20-120 |      | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 12.82 |           | 10-130 |      | 32         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 15.38 |           | 10-150 |      | 38         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 15.01 |           | 15-120 |      | 38         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 11.93 |           | 10-140 |      | 30         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 14.06 |           | 10-135 |      | 35         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 12.65 |           | 10-120 |      | 32         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 14.22 |           | 10-140 |      | 36         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 11.21 |           | 1-145  |      | 28         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 18.46 |           | 10-145 |      | 46         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 18.46 |           | 15-120 |      | 46         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 0     | U         | 10-150 |      | 0          | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 19.7  |           | 20-140 |      | 49         | SPK: -40 |

## Report of Analysis

|                    |             |                 |                       |
|--------------------|-------------|-----------------|-----------------------|
| Client:            |             | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |             | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDCA9DL2    | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4019-06DL2 | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC   | % Moisture:     | 19.5                  |
| Sample Wt/Vol:     | 30.1        | Units:          | g                     |
| Soil Aliquot Vol:  |             | Final Vol:      | 500                   |
|                    |             |                 | uL                    |
| Extraction Type :  |             | Test:           |                       |
|                    | Decanted :  | Level :         | LOW                   |
| Injection Volume : |             | GPC Factor :    |                       |
|                    |             | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034348.D        | 10        | 9/20/2024 12:00:00 AM | 10/2/2024 12:00:00 AM | PB163562      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 0       | U         | 10-130 |     | 0          | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 20.49   |           | 10-150 |     | 51         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 21.14   |           | 10-130 |     | 53         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 19.12   |           | 10-140 |     | 48         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 233859  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 940305  | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 582159  | 14.04     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1154004 | 16.798    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1113362 | 21.028    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1340458 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain7.028  | 2300    | JD        |        |     | 7.028      |          |
|                                       | (DEL) Alkane: Straight-Chain8.611  | 2500    | JD        |        |     | 8.611      |          |
|                                       | (DEL) Alkane: Straight-Chain12.875 | 950     | JD        |        |     | 12.875     |          |
| 1010309-19-2                          | Sulfurous acid, 2-ethylhexyl nonyl | 3100    | JD        |        |     | 13.975     |          |
|                                       | (DEL) Alkane: Straight-Chain14.934 | 1200    | JD        |        |     | 14.934     |          |
|                                       | (DEL) Alkane: Straight-Chain15.798 | 1000    | JD        |        |     | 15.798     |          |
| E966796                               | Total Alkanes                      | 8000    | D         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDCE6DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4019-11DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.3                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034349.D        | 20        | 9/20/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163562      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 280   | U         | 280  | 150  | 1600       | ug/Kg |
| 100-52-7       | Benzaldehyde                | 1100  | U         | 1100 | 1900 | 7700       | ug/Kg |
| 110-86-1       | Pyridine                    | 280   | U         | 280  | 3900 | 7700       | ug/Kg |
| 108-95-2       | Phenol                      | 1100  | U         | 1100 | 1900 | 7700       | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 820   | U         | 820  | 1900 | 7700       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 510   | U         | 510  | 990  | 4000       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 910   | U         | 910  | 1900 | 7700       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 680   | U         | 680  | 1900 | 7700       | ug/Kg |
| 98-86-2        | Acetophenone                | 1400  | U         | 1400 | 1900 | 7700       | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 960   | U         | 960  | 1900 | 7700       | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 860   | U         | 860  | 990  | 4000       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 370   | U         | 370  | 990  | 4000       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 630   | U         | 630  | 990  | 4000       | ug/Kg |
| 78-59-1        | Isophorone                  | 840   | U         | 840  | 990  | 4000       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 700   | U         | 700  | 990  | 4000       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 200   | U         | 200  | 990  | 4000       | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 720   | U         | 720  | 990  | 4000       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 790   | U         | 790  | 990  | 4000       | ug/Kg |
| 91-20-3        | Naphthalene                 | 770   | U         | 770  | 990  | 4000       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 1000  | U         | 1000 | 990  | 7700       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 610   | U         | 610  | 990  | 4000       | ug/Kg |
| 105-60-2       | Caprolactam                 | 930   | U         | 930  | 1900 | 7700       | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 840   | U         | 840  | 990  | 4000       | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 440   | U         | 440  | 990  | 4000       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1200  | JD        | 860  | 990  | 4000       | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 440   | U         | 440  | 1900 | 7700       | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1200  | U         | 1200 | 990  | 4000       | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1100  | U         | 1100 | 990  | 4000       | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDCE6DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4019-11DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.3                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034349.D        | 20        | 9/20/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163562      |

| CAS Number | Parameter                  | Conc.  | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|--------|-----------|------|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1100   | U         | 1100 | 990  | 4000       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 1000   | U         | 1000 | 990  | 4000       | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 510    | U         | 510  | 990  | 4000       | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 890    | U         | 890  | 990  | 4000       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 610    | U         | 610  | 990  | 4000       | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1100   | U         | 1100 | 990  | 4000       | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 330    | U         | 330  | 1900 | 7700       | ug/Kg |
| 83-32-9    | Acenaphthene               | 1200   | U         | 1200 | 990  | 4000       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 750    | U         | 750  | 1900 | 7700       | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 260    | U         | 260  | 1900 | 7700       | ug/Kg |
| 132-64-9   | Dibenzofuran               | 930    | U         | 930  | 990  | 4000       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 300    | U         | 300  | 990  | 4000       | ug/Kg |
| 84-66-2    | Diethylphthalate           | 960    | U         | 960  | 990  | 4000       | ug/Kg |
| 86-73-7    | Fluorene                   | 1400   | U         | 1400 | 990  | 4000       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1100   | U         | 1100 | 990  | 4000       | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 370    | U         | 370  | 1900 | 7700       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 910    | U         | 910  | 1900 | 7700       | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1100   | U         | 1100 | 990  | 4000       | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1100   | U         | 1100 | 990  | 4000       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 2300   | U         | 2300 | 990  | 4000       | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1200   | U         | 1200 | 990  | 4000       | ug/Kg |
| 1912-24-9  | Atrazine                   | 260    | U         | 260  | 1900 | 7700       | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 100000 | D         | 890  | 1900 | 7700       | ug/Kg |
| 85-01-8    | Phenanthrene               | 1200   | U         | 1200 | 990  | 4000       | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 840    | U         | 840  | 990  | 4000       | ug/Kg |
| 120-12-7   | Anthracene                 | 1100   | U         | 1100 | 990  | 4000       | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 130    | U         | 130  | 990  | 4000       | ug/Kg |
| 86-74-8    | Carbazole                  | 1400   | U         | 1400 | 1900 | 7700       | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1300   | U         | 1300 | 990  | 4000       | ug/Kg |
| 206-44-0   | Fluoranthene               | 1100   | U         | 1100 | 1900 | 4000       | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDCE6DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4019-11DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.3                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034349.D        | 20        | 9/20/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163562      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1100  | U         | 1100   | 990  | 4000       | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1000  | U         | 1000   | 990  | 4000       | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 580   | U         | 580    | 1900 | 7700       | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 910   | U         | 910    | 990  | 4000       | ug/Kg    |
| 218-01-9          | Chrysene                    | 1100  | U         | 1100   | 990  | 4000       | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1000  | U         | 1000   | 990  | 4000       | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1000  | U         | 1000   | 1900 | 7700       | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1100  | U         | 1100   | 990  | 4000       | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1400  | U         | 1400   | 990  | 4000       | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1300  | U         | 1300   | 990  | 4000       | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1100  | U         | 1100   | 990  | 4000       | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1200  | U         | 1200   | 990  | 4000       | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1100  | U         | 1100   | 990  | 4000       | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 9100  | D         | 1200   | 990  | 4000       | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 6.18  |           | 15-120 |      | 77         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 12.58 |           | 20-120 |      | 31         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 17.18 |           | 10-130 |      | 43         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 19.22 |           | 10-150 |      | 48         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 19.18 |           | 15-120 |      | 48         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 14.62 |           | 10-140 |      | 37         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 16.96 |           | 10-135 |      | 42         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 15.52 |           | 10-120 |      | 39         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 15.3  |           | 10-140 |      | 38         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 6.68  |           | 1-145  |      | 17         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 20.54 |           | 10-145 |      | 51         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 20.96 |           | 15-120 |      | 52         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 0     | U         | 10-150 |      | 0          | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 22.46 |           | 20-140 |      | 56         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDCE6DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4019-11DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.3                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034349.D        | 20        | 9/20/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163562      |

| CAS Number                            | Parameter                         | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-----------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2     | 0       | U         | 10-130 |     | 0          | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                    | 22.64   |           | 10-150 |     | 57         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                        | 23.76   |           | 10-130 |     | 59         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                | 20.06   |           | 10-140 |     | 50         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                   |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4            | 216199  | 7.387     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                    | 862693  | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                  | 514379  | 14.04     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                  | 992929  | 16.798    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                      | 929722  | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                      | 1161035 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                   |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain5.452 | 6300    | JD        |        |     | 5.452      |          |
|                                       | (DEL) Alkane: Straight-Chain5.905 | 1900    | JD        |        |     | 5.905      |          |
|                                       | (DEL) Alkane: Straight-Chain5.981 | 2100    | JD        |        |     | 5.981      |          |
|                                       | (DEL) Alkane: Cyclic6.052         | 2300    | JD        |        |     | 6.052      |          |
|                                       | (DEL) Alkane: Straight-Chain6.311 | 1700    | JD        |        |     | 6.311      |          |
|                                       | (DEL) Alkane: Straight-Chain6.375 | 1700    | JD        |        |     | 6.375      |          |
|                                       | (DEL) Alkane: Straight-Chain6.405 | 2800    | JD        |        |     | 6.405      |          |
|                                       | (DEL) Alkane: Straight-Chain6.463 | 3900    | JD        |        |     | 6.463      |          |
| 000611-14-3                           | Benzene, 1-ethyl-2-methyl-        | 1800    | JD        |        |     | 6.493      |          |
|                                       | (DEL) Alkane: Straight-Chain6.563 | 5900    | JD        |        |     | 6.563      |          |
| 000108-67-8                           | Mesitylene                        | 1800    | JD        |        |     | 6.628      |          |
| 000622-96-8                           | Benzene, 1-ethyl-4-methyl-        | 2200    | JD        |        |     | 6.781      |          |
| 019549-80-5                           | 2-Heptanone, 4,6-dimethyl-        | 3200    | JD        |        |     | 6.834      |          |
|                                       | (DEL) Alkane: Straight-Chain7.028 | 23000   | JD        |        |     | 7.028      |          |
| 000104-76-7                           | 1-Hexanol, 2-ethyl-               | 8400    | JD        |        |     | 7.463      |          |
| 041851-34-7                           | Cyclohexane, 1,1-(1-methyl-1,2-et | 3600    | JD        |        |     | 7.663      |          |
| 000873-94-9                           | Cyclohexanone, 3,3,5-trimethyl-   | 2200    | JD        |        |     | 7.816      |          |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDCE6DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4019-11DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.3                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034349.D        | 20        | 9/20/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163562      |

| CAS Number   | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 000135-01-3  | Benzene, 1,2-diethyl-              | 2000  | JD        |     |     | 7.875      |       |
| 001074-55-1  | Benzene, 1-methyl-4-propyl-        | 5100  | JD        |     |     | 7.922      |       |
|              | (DEL) Alkane: Straight-Chain7.981  | 2600  | JD        |     |     | 7.981      |       |
| 000934-80-5  | Benzene, 4-ethyl-1,2-dimethyl-     | 3300  | JD        |     |     | 8.022      |       |
| 006975-98-0  | Decane, 2-methyl-                  | 4300  | JD        |     |     | 8.052      |       |
|              | (DEL) Alkane: Straight-Chain8.152  | 4000  | JD        |     |     | 8.152      |       |
| 001758-88-9  | Benzene, 2-ethyl-1,4-dimethyl-     | 2000  | JD        |     |     | 8.328      |       |
| 000535-77-3  | Benzene, 1-methyl-3-(1-methylethyl | 2200  | JD        |     |     | 8.381      |       |
| 000527-84-4  | o-Cymene                           | 3800  | JD        |     |     | 8.475      |       |
|              | (DEL) Alkane: Straight-Chain8.610  | 16000 | JD        |     |     | 8.61       |       |
|              | unknown-01                         | 3900  | JD        |     |     | 8.722      |       |
| 019594-40-2  | Heptyl isobutyl ketone             | 1600  | JD        |     |     | 10.281     |       |
|              | unknown-02                         | 3100  | JD        |     |     | 10.54      |       |
| 000590-67-0  | Cyclohexanol, 1-methyl-            | 1700  | JD        |     |     | 11.193     |       |
|              | (DEL) Alkane: Straight-Chain11.599 | 2000  | JD        |     |     | 11.599     |       |
|              | (DEL) Alkane: Straight-Chain12.881 | 2600  | JD        |     |     | 12.881     |       |
| 000575-37-1  | Naphthalene, 1,7-dimethyl-         | 2100  | JD        |     |     | 13.204     |       |
| 1000309-19-3 | Sulfurous acid, decyl 2-ethylhexyl | 4100  | JD        |     |     | 13.975     |       |
|              | (DEL) Alkane: Straight-Chain14.934 | 2400  | JD        |     |     | 14.934     |       |
|              | (DEL) Alkane: Straight-Chain15.798 | 2300  | JD        |     |     | 15.798     |       |
|              | (DEL) Alkane: Straight-Chain16.598 | 2000  | JD        |     |     | 16.598     |       |
| 000112-39-0  | Hexadecanoic acid, methyl ester    | 2400  | JD        |     |     | 17.51      |       |
| E966796      | Total Alkanes                      | 86000 | D         |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC40        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-01     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.4                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034350.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 8    | 81         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 58    | U         | 58  | 99.9 | 400        | ug/Kg |
| 110-86-1       | Pyridine                    | 15    | U         | 15  | 200  | 400        | ug/Kg |
| 108-95-2       | Phenol                      | 54    | U         | 54  | 99.9 | 400        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 42    | U         | 42  | 99.9 | 400        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 27    | U         | 27  | 51.5 | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 47    | U         | 47  | 99.9 | 400        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 35    | U         | 35  | 99.9 | 400        | ug/Kg |
| 98-86-2        | Acetophenone                | 71    | U         | 71  | 99.9 | 400        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 50    | U         | 50  | 99.9 | 400        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 45    | U         | 45  | 51.5 | 210        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 19    | U         | 19  | 51.5 | 210        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 33    | U         | 33  | 51.5 | 210        | ug/Kg |
| 78-59-1        | Isophorone                  | 75    | J         | 44  | 51.5 | 210        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 36    | U         | 36  | 51.5 | 210        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 10    | U         | 10  | 51.5 | 210        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 38    | U         | 38  | 51.5 | 210        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 41    | U         | 41  | 51.5 | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 40    | U         | 40  | 51.5 | 210        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 53    | U         | 53  | 51.5 | 400        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 31    | U         | 31  | 51.5 | 210        | ug/Kg |
| 105-60-2       | Caprolactam                 | 48    | U         | 48  | 99.9 | 400        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 44    | U         | 44  | 51.5 | 210        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 48    | J         | 23  | 51.5 | 210        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 78    | J         | 45  | 51.5 | 210        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 23    | U         | 23  | 99.9 | 400        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 61    | U         | 61  | 51.5 | 210        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 59    | U         | 59  | 51.5 | 210        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC40        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-01     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.4                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034350.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 56    | U         | 56  | 51.5 | 210        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 53    | U         | 53  | 51.5 | 210        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 27    | U         | 27  | 51.5 | 210        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 46    | U         | 46  | 51.5 | 210        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 31    | U         | 31  | 51.5 | 210        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 56    | U         | 56  | 51.5 | 210        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 17    | U         | 17  | 99.9 | 400        | ug/Kg |
| 83-32-9    | Acenaphthene               | 61    | U         | 61  | 51.5 | 210        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 39    | U         | 39  | 99.9 | 400        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 13    | U         | 13  | 99.9 | 400        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 48    | U         | 48  | 51.5 | 210        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 16    | U         | 16  | 51.5 | 210        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 50    | U         | 50  | 51.5 | 210        | ug/Kg |
| 86-73-7    | Fluorene                   | 70    | U         | 70  | 51.5 | 210        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 58    | U         | 58  | 51.5 | 210        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 19    | U         | 19  | 99.9 | 400        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 47    | U         | 47  | 99.9 | 400        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 54    | U         | 54  | 51.5 | 210        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 54    | U         | 54  | 51.5 | 210        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 120   | U         | 120 | 51.5 | 210        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 61    | U         | 61  | 51.5 | 210        | ug/Kg |
| 1912-24-9  | Atrazine                   | 13    | U         | 13  | 99.9 | 400        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 12000 | E         | 46  | 99.9 | 400        | ug/Kg |
| 85-01-8    | Phenanthrene               | 64    | U         | 64  | 51.5 | 210        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 44    | U         | 44  | 51.5 | 210        | ug/Kg |
| 120-12-7   | Anthracene                 | 57    | U         | 57  | 51.5 | 210        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 6.8   | U         | 6.8 | 51.5 | 210        | ug/Kg |
| 86-74-8    | Carbazole                  | 74    | U         | 74  | 99.9 | 400        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 69    | U         | 69  | 51.5 | 210        | ug/Kg |
| 206-44-0   | Fluoranthene               | 54    | U         | 54  | 99.9 | 210        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC40        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-01     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.4                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034350.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 56     | U         | 56     | 51.5 | 210        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 52     | U         | 52     | 51.5 | 210        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 30     | U         | 30     | 99.9 | 400        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 47     | U         | 47     | 51.5 | 210        | ug/Kg    |
| 218-01-9          | Chrysene                    | 56     | U         | 56     | 51.5 | 210        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 52     | U         | 52     | 51.5 | 210        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 52     | U         | 52     | 99.9 | 400        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 58     | U         | 58     | 51.5 | 210        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 70     | U         | 70     | 51.5 | 210        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 69     | U         | 69     | 51.5 | 210        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 54     | U         | 54     | 51.5 | 210        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 63     | U         | 63     | 51.5 | 210        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 56     | U         | 56     | 51.5 | 210        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 4500   | E         | 63     | 51.5 | 210        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.698  |           | 15-120 |      | 59         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 7.974  |           | 20-120 |      | 20         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 25.045 |           | 10-130 |      | 63         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 23.322 |           | 10-150 |      | 58         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 27.498 |           | 15-120 |      | 69         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 25.005 |           | 10-140 |      | 63         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 27.809 |           | 10-135 |      | 70         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 30.789 |           | 10-120 |      | 77         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 29.228 |           | 10-140 |      | 73         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 20.817 |           | 1-145  |      | 52         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 28.791 |           | 10-145 |      | 72         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 29.999 |           | 15-120 |      | 75         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 22.855 |           | 10-150 |      | 57         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 30.133 |           | 20-140 |      | 75         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC40        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-01     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.4                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034350.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number                            | Parameter                         | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-----------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2     | 26.079  |           | 10-130 |     | 65         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                    | 30.803  |           | 10-150 |     | 77         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                        | 29.759  |           | 10-130 |     | 74         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                | 29.971  |           | 10-140 |     | 75         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                   |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4            | 248807  | 7.387     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                    | 1010648 | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                  | 633674  | 14.04     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                  | 1334280 | 16.798    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                      | 1362118 | 21.028    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                      | 1655850 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                   |         |           |        |     |            |          |
| 000107-92-6                           | Butanoic acid                     | 250     | J         |        |     | 3.646      |          |
| 000123-42-2                           | 2-Pentanone, 4-hydroxy-4-methyl-  | 400     | A         |        |     | 4.581      |          |
|                                       | (DEL) Alkane: Straight-Chain5.452 | 290     | J         |        |     | 5.452      |          |
| 000107-41-5                           | Hexylene glycol                   | 260     | J         |        |     | 5.764      |          |
| 1000427-67-0                          | 2-Methyl-1-hexanol                | 150     | J         |        |     | 5.928      |          |
|                                       | (DEL) Alkane: Straight-Chain5.981 | 99      | J         |        |     | 5.981      |          |
| 013395-76-1                           | Cyclohexanone, 2,3-dimethyl-      | 120     | J         |        |     | 6.046      |          |
|                                       | (DEL) Alkane: Straight-Chain6.311 | 92      | J         |        |     | 6.311      |          |
|                                       | (DEL) Alkane: Straight-Chain6.405 | 150     | J         |        |     | 6.405      |          |
|                                       | (DEL) Alkane: Straight-Chain6.464 | 190     | J         |        |     | 6.464      |          |
| 000108-67-8                           | Mesitylene                        | 98      | J         |        |     | 6.493      |          |
| 019549-80-5                           | 2-Heptanone, 4,6-dimethyl-        | 170     | J         |        |     | 6.84       |          |
|                                       | (DEL) Alkane: Straight-Chain7.028 | 1100    | J         |        |     | 7.028      |          |
| 000104-76-7                           | 1-Hexanol, 2-ethyl-               | 1000    | J         |        |     | 7.464      |          |
|                                       | unknown-01                        | 510     | J         |        |     | 7.628      |          |
| 000873-94-9                           | Cyclohexanone, 3,3,5-trimethyl-   | 200     | J         |        |     | 7.816      |          |
| 000141-93-5                           | Benzene, 1,3-diethyl-             | 100     | J         |        |     | 7.869      |          |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC40        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-01     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.4                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034350.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number   | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 001074-55-1  | Benzene, 1-methyl-4-propyl-        | 210   | J         |     |     | 7.922      |       |
|              | (DEL) Alkane: Straight-Chain7.981  | 150   | J         |     |     | 7.981      |       |
| 001758-88-9  | Benzene, 2-ethyl-1,4-dimethyl-     | 170   | J         |     |     | 8.022      |       |
|              | (DEL) Alkane: Straight-Chain8.152  | 170   | J         |     |     | 8.152      |       |
| 001074-17-5  | Benzene, 1-methyl-2-propyl-        | 130   | J         |     |     | 8.181      |       |
| 000527-84-4  | o-Cymene                           | 160   | J         |     |     | 8.475      |       |
|              | (DEL) Alkane: Straight-Chain8.611  | 700   | J         |     |     | 8.611      |       |
| 000149-57-5  | Hexanoic acid, 2-ethyl-            | 100   | J         |     |     | 8.693      |       |
|              | unknown-02                         | 120   | J         |     |     | 8.722      |       |
|              | (DEL) Alkane: Straight-Chain8.958  | 84    | J         |     |     | 8.958      |       |
|              | unknown-03                         | 220   | J         |     |     | 9.675      |       |
|              | unknown-04                         | 230   | J         |     |     | 10.046     |       |
| 000590-67-0  | Cyclohexanol, 1-methyl-            | 100   | J         |     |     | 11.193     |       |
|              | (DEL) Alkane: Straight-Chain11.599 | 140   | J         |     |     | 11.599     |       |
|              | (DEL) Alkane: Straight-Chain12.881 | 160   | J         |     |     | 12.881     |       |
| 000581-40-8  | Naphthalene, 2,3-dimethyl-         | 98    | J         |     |     | 13.352     |       |
| 000575-37-1  | Naphthalene, 1,7-dimethyl-         | 98    | J         |     |     | 13.404     |       |
| 1000309-20-0 | Sulfurous acid, 2-ethylhexyl hepta | 510   | J         |     |     | 13.975     |       |
|              | (DEL) Alkane: Cyclic14.152         | 200   | J         |     |     | 14.152     |       |
|              | unknown-05                         | 140   | J         |     |     | 14.387     |       |
| 000935-95-5  | Phenol, 2,3,5,6-tetrachloro-       | 110   | J         |     |     | 14.599     |       |
| 000829-26-5  | Naphthalene, 2,3,6-trimethyl-      | 130   | J         |     |     | 14.816     |       |
|              | (DEL) Alkane: Straight-Chain14.934 | 220   | J         |     |     | 14.934     |       |
|              | (DEL) Alkane: Straight-Chain15.345 | 130   | J         |     |     | 15.345     |       |
| 000119-61-9  | Benzophenone                       | 250   | J         |     |     | 15.422     |       |
|              | (DEL) Alkane: Straight-Chain15.804 | 180   | J         |     |     | 15.804     |       |
|              | unknown-06                         | 340   | J         |     |     | 15.887     |       |
|              | (DEL) Alkane: Straight-Chain16.598 | 150   | J         |     |     | 16.598     |       |
|              | (DEL) Alkane: Straight-Chain16.645 | 92    | J         |     |     | 16.645     |       |
| 035599-77-0  | Tridecane, 1-iodo-                 | 130   | J         |     |     | 17.334     |       |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC40        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-01     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.4                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034350.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number  | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 000057-10-3 | n-Hexadecanoic acid                | 650   | J         |     |     | 17.734     |       |
|             | (DEL) Alkane: Straight-Chain18.028 | 110   | J         |     |     | 18.028     |       |
|             | (DEL) Alkane: Straight-Chain18.675 | 97    | J         |     |     | 18.675     |       |
| 000057-11-4 | Octadecanoic acid                  | 160   | J         |     |     | 19.028     |       |
|             | (DEL) Alkane: Straight-Chain20.769 | 410   | J         |     |     | 20.769     |       |
|             | (DEL) Alkane: Straight-Chain21.775 | 100   | J         |     |     | 21.775     |       |
| E966796     | Total Alkanes                      | 5000  |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC43        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-04     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 15.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034351.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 14    | U         | 14  | 7.8  | 79         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 57    | U         | 57  | 97.3 | 390        | ug/Kg |
| 110-86-1       | Pyridine                    | 14    | U         | 14  | 190  | 390        | ug/Kg |
| 108-95-2       | Phenol                      | 53    | U         | 53  | 97.3 | 390        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 41    | U         | 41  | 97.3 | 390        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 26    | U         | 26  | 50.1 | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 46    | U         | 46  | 97.3 | 390        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 34    | U         | 34  | 97.3 | 390        | ug/Kg |
| 98-86-2        | Acetophenone                | 70    | U         | 70  | 97.3 | 390        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 48    | U         | 48  | 97.3 | 390        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 44    | U         | 44  | 50.1 | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 19    | U         | 19  | 50.1 | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 32    | U         | 32  | 50.1 | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 110   | J         | 42  | 50.1 | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 35    | U         | 35  | 50.1 | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 10    | U         | 10  | 50.1 | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 37    | U         | 37  | 50.1 | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 40    | U         | 40  | 50.1 | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 200   |           | 39  | 50.1 | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 52    | U         | 52  | 50.1 | 390        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 31    | U         | 31  | 50.1 | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 47    | U         | 47  | 97.3 | 390        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 42    | U         | 42  | 50.1 | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 320   |           | 22  | 50.1 | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 560   |           | 44  | 50.1 | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 22    | U         | 22  | 97.3 | 390        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 59    | U         | 59  | 50.1 | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 58    | U         | 58  | 50.1 | 200        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC43        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-04     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 15.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034351.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 54    | U         | 54  | 50.1 | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 52    | U         | 52  | 50.1 | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 26    | U         | 26  | 50.1 | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 45    | U         | 45  | 50.1 | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 31    | U         | 31  | 50.1 | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 54    | U         | 54  | 50.1 | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 17    | U         | 17  | 97.3 | 390        | ug/Kg |
| 83-32-9    | Acenaphthene               | 59    | U         | 59  | 50.1 | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 38    | U         | 38  | 97.3 | 390        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 13    | U         | 13  | 97.3 | 390        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 47    | U         | 47  | 50.1 | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 15    | U         | 15  | 50.1 | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 48    | U         | 48  | 50.1 | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 68    | U         | 68  | 50.1 | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 57    | U         | 57  | 50.1 | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 19    | U         | 19  | 97.3 | 390        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 46    | U         | 46  | 97.3 | 390        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 53    | U         | 53  | 50.1 | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 53    | U         | 53  | 50.1 | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 120   | U         | 120 | 50.1 | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 59    | U         | 59  | 50.1 | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 13    | U         | 13  | 97.3 | 390        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 31000 | E         | 45  | 97.3 | 390        | ug/Kg |
| 85-01-8    | Phenanthrene               | 130   | J         | 63  | 50.1 | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 42    | U         | 42  | 50.1 | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 55    | U         | 55  | 50.1 | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 6.6   | U         | 6.6 | 50.1 | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 72    | U         | 72  | 97.3 | 390        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 67    | U         | 67  | 50.1 | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 53    | U         | 53  | 97.3 | 200        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC43        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-04     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 15.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034351.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 54     | U         | 54     | 50.1 | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 51     | U         | 51     | 50.1 | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 29     | U         | 29     | 97.3 | 390        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 46     | U         | 46     | 50.1 | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 54     | U         | 54     | 50.1 | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 51     | U         | 51     | 50.1 | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 51     | U         | 51     | 97.3 | 390        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 57     | U         | 57     | 50.1 | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 68     | U         | 68     | 50.1 | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 67     | U         | 67     | 50.1 | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 53     | U         | 53     | 50.1 | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 61     | U         | 61     | 50.1 | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 54     | U         | 54     | 50.1 | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 4200   | E         | 61     | 50.1 | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.826  |           | 15-120 |      | 60         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 18.911 |           | 20-120 |      | 47         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 24.077 |           | 10-130 |      | 60         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 24.749 |           | 10-150 |      | 62         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 27.041 |           | 15-120 |      | 68         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 24.107 |           | 10-140 |      | 60         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 29.101 |           | 10-135 |      | 73         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 32.224 |           | 10-120 |      | 81         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 29.449 |           | 10-140 |      | 74         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 22.029 |           | 1-145  |      | 55         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.78  |           | 10-145 |      | 67         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.835 |           | 15-120 |      | 72         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 19.22  |           | 10-150 |      | 48         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.124 |           | 20-140 |      | 70         | SPK: -40 |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC43     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-04  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 15.2                  |
| Sample Wt/Vol:     | 30        | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034351.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 25.863  |           | 10-130 |     | 65         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 28.472  |           | 10-150 |     | 71         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 28.286  |           | 10-130 |     | 71         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 28.607  |           | 10-140 |     | 72         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 249958  | 7.387     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 950622  | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 600193  | 14.04     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1215756 | 16.804    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1191209 | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1505761 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain5.452  | 600     | J         |        |     | 5.452      |          |
|                                       | (DEL) Alkane: Straight-Chain6.405  | 320     | J         |        |     | 6.405      |          |
|                                       | (DEL) Alkane: Straight-Chain6.464  | 410     | J         |        |     | 6.464      |          |
| 000611-14-3                           | Benzene, 1-ethyl-2-methyl-         | 350     | J         |        |     | 6.493      |          |
| 019549-80-5                           | 2-Heptanone, 4,6-dimethyl-         | 480     | J         |        |     | 6.84       |          |
|                                       | (DEL) Alkane: Straight-Chain7.034  | 2800    | J         |        |     | 7.034      |          |
| 000104-76-7                           | 1-Hexanol, 2-ethyl-                | 1400    | J         |        |     | 7.469      |          |
|                                       | (DEL) Alkane: Cyclic7.663          | 470     | J         |        |     | 7.663      |          |
| 000873-94-9                           | Cyclohexanone, 3,3,5-trimethyl-    | 410     | J         |        |     | 7.816      |          |
| 000135-01-3                           | Benzene, 1,2-diethyl-              | 320     | J         |        |     | 7.869      |          |
| 001074-43-7                           | Benzene, 1-methyl-3-propyl-        | 700     | J         |        |     | 7.922      |          |
|                                       | (DEL) Alkane: Straight-Chain7.981  | 350     | J         |        |     | 7.981      |          |
| 001758-88-9                           | Benzene, 2-ethyl-1,4-dimethyl-     | 550     | J         |        |     | 8.022      |          |
|                                       | (DEL) Alkane: Straight-Chain8.152  | 510     | J         |        |     | 8.152      |          |
| 001074-17-5                           | Benzene, 1-methyl-2-propyl-        | 360     | J         |        |     | 8.181      |          |
| 000527-84-4                           | o-Cymene                           | 310     | J         |        |     | 8.328      |          |
| 000535-77-3                           | Benzene, 1-methyl-3-(1-methylethyl | 360     | J         |        |     | 8.381      |          |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC43     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-04  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 15.2                  |
| Sample Wt/Vol:     | 30        | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034351.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number   | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
|              | (DEL) Alkane: Straight-Chain8.616  | 2100  | J         |     |     | 8.616      |       |
|              | unknown-01                         | 660   | J         |     |     | 8.722      |       |
|              | (DEL) Alkane: Straight-Chain9.457  | 130   | J         |     |     | 9.457      |       |
|              | (DEL) Alkane: Straight-Chain10.675 | 130   | J         |     |     | 10.675     |       |
|              | (DEL) Alkane: Straight-Chain11.434 | 83    | J         |     |     | 11.434     |       |
|              | (DEL) Alkane: Straight-Chain11.599 | 210   | J         |     |     | 11.599     |       |
|              | (DEL) Alkane: Straight-Chain12.581 | 290   | J         |     |     | 12.581     |       |
| 000109-21-7  | Butanoic acid, butyl ester         | 360   | J         |     |     | 12.793     |       |
|              | (DEL) Alkane: Straight-Chain12.881 | 800   | J         |     |     | 12.881     |       |
| 000581-42-0  | Naphthalene, 2,6-dimethyl-         | 730   | J         |     |     | 13.193     |       |
| 074367-31-0  | Propanoic acid, 2-methyl-, 2-ethyl | 390   | J         |     |     | 13.316     |       |
| 000581-40-8  | Naphthalene, 2,3-dimethyl-         | 510   | J         |     |     | 13.351     |       |
| 000571-61-9  | Naphthalene, 1,5-dimethyl-         | 510   | J         |     |     | 13.41      |       |
|              | (DEL) Alkane: Straight-Chain13.551 | 420   | J         |     |     | 13.551     |       |
| 1010309-19-2 | Sulfurous acid, 2-ethylhexyl nonyl | 1900  | J         |     |     | 13.975     |       |
|              | unknown-02                         | 280   | J         |     |     | 14.146     |       |
| 018052-85-2  | Silane, trimethyl-2-naphthalenyl-  | 460   | J         |     |     | 14.198     |       |
| 000829-26-5  | Naphthalene, 2,3,6-trimethyl-      | 270   | J         |     |     | 14.445     |       |
| 002245-38-7  | Naphthalene, 1,6,7-trimethyl-      | 280   | J         |     |     | 14.528     |       |
|              | (DEL) Alkane: Straight-Chain14.598 | 260   | J         |     |     | 14.598     |       |
| 000941-81-1  | 4,6,8-Trimethylazulene             | 690   | J         |     |     | 14.816     |       |
|              | (DEL) Alkane: Straight-Chain14.934 | 860   | J         |     |     | 14.934     |       |
|              | (DEL) Alkane: Straight-Chain15.345 | 450   | J         |     |     | 15.345     |       |
| 000119-61-9  | Benzophenone                       | 790   | J         |     |     | 15.422     |       |
|              | (DEL) Alkane: Straight-Chain15.804 | 940   | J         |     |     | 15.804     |       |
|              | (DEL) Alkane: Straight-Chain16.598 | 680   | J         |     |     | 16.598     |       |
|              | (DEL) Alkane: Straight-Chain16.651 | 380   | J         |     |     | 16.651     |       |
|              | (DEL) Alkane: Straight-Chain17.334 | 670   | J         |     |     | 17.334     |       |
| 000112-39-0  | Hexadecanoic acid, methyl ester    | 1000  | J         |     |     | 17.51      |       |
| 000057-10-3  | n-Hexadecanoic acid                | 460   | J         |     |     | 17.733     |       |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC43        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-04     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 15.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034351.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number   | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
|              | (DEL) Alkane: Straight-Chain18.028 | 580   | J         |     |     | 18.028     |       |
|              | (DEL) Alkane: Straight-Chain18.675 | 560   | J         |     |     | 18.675     |       |
| 026528-50-7  | 8-Octadecenoic acid, methyl ester, | 680   | J         |     |     | 18.692     |       |
| 000112-61-8  | Methyl stearate                    | 370   | J         |     |     | 18.834     |       |
|              | (DEL) Alkane: Straight-Chain19.263 | 320   | J         |     |     | 19.263     |       |
|              | (DEL) Alkane: Straight-Chain19.804 | 280   | J         |     |     | 19.804     |       |
|              | (DEL) Alkane: Straight-Chain20.304 | 240   | J         |     |     | 20.304     |       |
| 1000383-13-6 | Carbonic acid, 2-ethylhexyl nonyl  | 710   | J         |     |     | 20.775     |       |
|              | (DEL) Alkane: Straight-Chain21.251 | 240   | J         |     |     | 21.251     |       |
| 000150-86-7  | Phytol                             | 290   | J         |     |     | 21.663     |       |
| 1000309-39-7 | Oxalic acid, 2-ethylhexyl tetradec | 370   | J         |     |     | 21.775     |       |
| E966796      | Total Alkanes                      | 16000 |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC44        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-05     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 25.4                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034352.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 16    | U         | 16  | 8.8 | 89         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 64    | U         | 64  | 110 | 440        | ug/Kg |
| 110-86-1       | Pyridine                    | 16    | U         | 16  | 220 | 440        | ug/Kg |
| 108-95-2       | Phenol                      | 60    | U         | 60  | 110 | 440        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 47    | U         | 47  | 110 | 440        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 29    | U         | 29  | 57  | 230        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 52    | U         | 52  | 110 | 440        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 39    | U         | 39  | 110 | 440        | ug/Kg |
| 98-86-2        | Acetophenone                | 79    | U         | 79  | 110 | 440        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 55    | U         | 55  | 110 | 440        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 50    | U         | 50  | 57  | 230        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 21    | U         | 21  | 57  | 230        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 36    | U         | 36  | 57  | 230        | ug/Kg |
| 78-59-1        | Isophorone                  | 48    | U         | 48  | 57  | 230        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 40    | U         | 40  | 57  | 230        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 11    | U         | 11  | 57  | 230        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 42    | U         | 42  | 57  | 230        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 46    | U         | 46  | 57  | 230        | ug/Kg |
| 91-20-3        | Naphthalene                 | 44    | U         | 44  | 57  | 230        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 59    | U         | 59  | 57  | 440        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 35    | U         | 35  | 57  | 230        | ug/Kg |
| 105-60-2       | Caprolactam                 | 54    | U         | 54  | 110 | 440        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 48    | U         | 48  | 57  | 230        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 25    | U         | 25  | 57  | 230        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 50    | U         | 50  | 57  | 230        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 25    | U         | 25  | 110 | 440        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 67    | U         | 67  | 57  | 230        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 66    | U         | 66  | 57  | 230        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC44        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-05     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 25.4                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034352.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 62    | U         | 62  | 57  | 230        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 59    | U         | 59  | 57  | 230        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 29    | U         | 29  | 57  | 230        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 51    | U         | 51  | 57  | 230        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 35    | U         | 35  | 57  | 230        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 62    | U         | 62  | 57  | 230        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 19    | U         | 19  | 110 | 440        | ug/Kg |
| 83-32-9    | Acenaphthene               | 67    | U         | 67  | 57  | 230        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 43    | U         | 43  | 110 | 440        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 15    | U         | 15  | 110 | 440        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 54    | U         | 54  | 57  | 230        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 17    | U         | 17  | 57  | 230        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 55    | U         | 55  | 57  | 230        | ug/Kg |
| 86-73-7    | Fluorene                   | 78    | U         | 78  | 57  | 230        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 64    | U         | 64  | 57  | 230        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 21    | U         | 21  | 110 | 440        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 52    | U         | 52  | 110 | 440        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 60    | U         | 60  | 57  | 230        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 60    | U         | 60  | 57  | 230        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 130   | U         | 130 | 57  | 230        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 67    | U         | 67  | 57  | 230        | ug/Kg |
| 1912-24-9  | Atrazine                   | 15    | U         | 15  | 110 | 440        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 5000  |           | 51  | 110 | 440        | ug/Kg |
| 85-01-8    | Phenanthrene               | 71    | U         | 71  | 57  | 230        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 48    | U         | 48  | 57  | 230        | ug/Kg |
| 120-12-7   | Anthracene                 | 63    | U         | 63  | 57  | 230        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 7.5   | U         | 7.5 | 57  | 230        | ug/Kg |
| 86-74-8    | Carbazole                  | 82    | U         | 82  | 110 | 440        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 76    | U         | 76  | 57  | 230        | ug/Kg |
| 206-44-0   | Fluoranthene               | 60    | U         | 60  | 110 | 230        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC44        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-05     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 25.4                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034352.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 62     | U         | 62     | 57  | 230        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 58     | U         | 58     | 57  | 230        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 34     | U         | 34     | 110 | 440        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 52     | U         | 52     | 57  | 230        | ug/Kg    |
| 218-01-9          | Chrysene                    | 62     | U         | 62     | 57  | 230        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 58     | U         | 58     | 57  | 230        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 58     | U         | 58     | 110 | 440        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 64     | U         | 64     | 57  | 230        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 78     | U         | 78     | 57  | 230        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 76     | U         | 76     | 57  | 230        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 60     | U         | 60     | 57  | 230        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 70     | U         | 70     | 57  | 230        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 62     | U         | 62     | 57  | 230        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 450    |           | 70     | 57  | 230        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.108  |           | 15-120 |     | 51         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 18.911 |           | 20-120 |     | 47         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 21.582 |           | 10-130 |     | 54         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 20.58  |           | 10-150 |     | 51         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.224 |           | 15-120 |     | 61         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 21.587 |           | 10-140 |     | 54         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 24.819 |           | 10-135 |     | 62         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 26.586 |           | 10-120 |     | 66         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 24.722 |           | 10-140 |     | 62         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.412 |           | 1-145  |     | 59         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.231 |           | 10-145 |     | 66         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 27.076 |           | 15-120 |     | 68         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 5.962  |           | 10-150 |     | 15         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 26.409 |           | 20-140 |     | 66         | SPK: -40 |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC44     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-05  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 25.4                  |
| Sample Wt/Vol:     | 30        | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           |                       |
| Extraction Type :  |           | Level :         | LOW                   |
| Decanted :         |           |                 |                       |
| Injection Volume : |           | GPC Factor :    |                       |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034352.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 8.249   |           | 10-130 |     | 21         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 27.944  |           | 10-150 |     | 70         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 27.986  |           | 10-130 |     | 70         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 28.408  |           | 10-140 |     | 71         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 255515  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 1010594 | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 616008  | 14.039    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1241883 | 16.798    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1219331 | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1550419 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain8.610  | 110     | J         |        |     | 8.61       |          |
|                                       | (DEL) Alkane: Straight-Chain12.880 | 100     | J         |        |     | 12.881     |          |
| 007659-86-1                           | 2-Ethylhexyl mercaptoacetate       | 540     | J         |        |     | 13.975     |          |
| 000941-81-1                           | 4,6,8-Trimethylazulene             | 110     | J         |        |     | 14.816     |          |
|                                       | (DEL) Alkane: Straight-Chain14.934 | 160     | J         |        |     | 14.934     |          |
| 000119-61-9                           | Benzophenone                       | 550     | J         |        |     | 15.422     |          |
|                                       | (DEL) Alkane: Straight-Chain15.804 | 140     | J         |        |     | 15.804     |          |
| 000544-77-4                           | Hexadecane, 1-iodo-                | 110     | J         |        |     | 16.598     |          |
|                                       | (DEL) Alkane: Straight-Chain17.333 | 95      | J         |        |     | 17.333     |          |
| 001825-21-4                           | Anisole, 2,3,4,5,6-pentachloro-    | 90      | J         |        |     | 17.428     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 250     | J         |        |     | 17.733     |          |
|                                       | (DEL) Alkane: Straight-Chain18.028 | 91      | J         |        |     | 18.028     |          |
|                                       | (DEL) Alkane: Straight-Chain20.763 | 160     | J         |        |     | 20.763     |          |
| 000112-84-5                           | 13-Docosenamide, (Z)-              | 91      | J         |        |     | 22.333     |          |
| E966796                               | Total Alkanes                      | 860     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC85     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-10  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 14.5                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034353.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 14    | U         | 14  | 7.7  | 78         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 56    | U         | 56  | 96.2 | 380        | ug/Kg |
| 110-86-1       | Pyridine                    | 14    | U         | 14  | 190  | 380        | ug/Kg |
| 108-95-2       | Phenol                      | 52    | U         | 52  | 96.2 | 380        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 41    | U         | 41  | 96.2 | 380        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 26    | U         | 26  | 49.5 | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 45    | U         | 45  | 96.2 | 380        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 34    | U         | 34  | 96.2 | 380        | ug/Kg |
| 98-86-2        | Acetophenone                | 69    | U         | 69  | 96.2 | 380        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 48    | U         | 48  | 96.2 | 380        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 43    | U         | 43  | 49.5 | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 19    | U         | 19  | 49.5 | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 31    | U         | 31  | 49.5 | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 42    | U         | 42  | 49.5 | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 35    | U         | 35  | 49.5 | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 9.9   | U         | 9.9 | 49.5 | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 36    | U         | 36  | 49.5 | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 40    | U         | 40  | 49.5 | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 38    | U         | 38  | 49.5 | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 51    | U         | 51  | 49.5 | 380        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 30    | U         | 30  | 49.5 | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 47    | U         | 47  | 96.2 | 380        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 42    | U         | 42  | 49.5 | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 22    | U         | 22  | 49.5 | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 43    | U         | 43  | 49.5 | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 22    | U         | 22  | 96.2 | 380        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 58    | U         | 58  | 49.5 | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 57    | U         | 57  | 49.5 | 200        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC85                 | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-10              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 14.5                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034353.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 54    | U         | 54  | 49.5 | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 51    | U         | 51  | 49.5 | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 26    | U         | 26  | 49.5 | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 44    | U         | 44  | 49.5 | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 30    | U         | 30  | 49.5 | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 54    | U         | 54  | 49.5 | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 16    | U         | 16  | 96.2 | 380        | ug/Kg |
| 83-32-9    | Acenaphthene               | 58    | U         | 58  | 49.5 | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 37    | U         | 37  | 96.2 | 380        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 13    | U         | 13  | 96.2 | 380        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 47    | U         | 47  | 49.5 | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 15    | U         | 15  | 49.5 | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 48    | U         | 48  | 49.5 | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 68    | U         | 68  | 49.5 | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 56    | U         | 56  | 49.5 | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 19    | U         | 19  | 96.2 | 380        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 45    | U         | 45  | 96.2 | 380        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 52    | U         | 52  | 49.5 | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 52    | U         | 52  | 49.5 | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 120   | U         | 120 | 49.5 | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 58    | U         | 58  | 49.5 | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 13    | U         | 13  | 96.2 | 380        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 12000 | E         | 44  | 96.2 | 380        | ug/Kg |
| 85-01-8    | Phenanthrene               | 62    | U         | 62  | 49.5 | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 42    | U         | 42  | 49.5 | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 55    | U         | 55  | 49.5 | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 6.5   | U         | 6.5 | 49.5 | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 71    | U         | 71  | 96.2 | 380        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 66    | U         | 66  | 49.5 | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 99    | J         | 52  | 96.2 | 200        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC85     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-10  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 14.5                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           |                       |
| Extraction Type :  |           | Decanted :      | Level :               |
| Injection Volume : |           | GPC Factor :    | LOW                   |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034353.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 73     | J         | 54     | 49.5 | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 50     | U         | 50     | 49.5 | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 29     | U         | 29     | 96.2 | 380        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 45     | U         | 45     | 49.5 | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 54     | U         | 54     | 49.5 | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 50     | U         | 50     | 49.5 | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 50     | U         | 50     | 96.2 | 380        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 56     | U         | 56     | 49.5 | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 68     | U         | 68     | 49.5 | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 66     | U         | 66     | 49.5 | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 52     | U         | 52     | 49.5 | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 61     | U         | 61     | 49.5 | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 54     | U         | 54     | 49.5 | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1200   |           | 61     | 49.5 | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.807  |           | 15-120 |      | 48         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 14.627 |           | 20-120 |      | 37         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 20.694 |           | 10-130 |      | 52         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 19.492 |           | 10-150 |      | 49         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 22.695 |           | 15-120 |      | 57         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 20.431 |           | 10-140 |      | 51         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 24.052 |           | 10-135 |      | 60         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 25.626 |           | 10-120 |      | 64         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 24.333 |           | 10-140 |      | 61         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 21.629 |           | 1-145  |      | 54         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 25.621 |           | 10-145 |      | 64         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 27.682 |           | 15-120 |      | 69         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 17.105 |           | 10-150 |      | 43         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 27.803 |           | 20-140 |      | 70         | SPK: -40 |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC85     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-10  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 14.5                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           |                       |
| Extraction Type :  |           | Level :         | LOW                   |
| Decanted :         |           |                 |                       |
| Injection Volume : |           | GPC Factor :    |                       |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034353.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 20.533  |           | 10-130 |     | 51         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 28.446  |           | 10-150 |     | 71         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 27.301  |           | 10-130 |     | 68         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 28.847  |           | 10-140 |     | 72         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 258141  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 1031867 | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 631339  | 14.04     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1307434 | 16.798    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1315520 | 21.028    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1649373 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain7.028  | 290     | J         |        |     | 7.028      |          |
|                                       | (DEL) Alkane: Straight-Chain7.469  | 95      | J         |        |     | 7.469      |          |
| 1000309-17-7                          | Sulfurous acid, butyl decyl ester  | 140     | J         |        |     | 7.652      |          |
|                                       | (DEL) Alkane: Straight-Chain7.922  | 200     | J         |        |     | 7.922      |          |
|                                       | (DEL) Alkane: Straight-Chain7.981  | 120     | J         |        |     | 7.981      |          |
|                                       | (DEL) Alkane: Straight-Chain8.046  | 170     | J         |        |     | 8.046      |          |
|                                       | (DEL) Alkane: Straight-Chain8.152  | 210     | J         |        |     | 8.152      |          |
|                                       | (DEL) Alkane: Straight-Chain8.611  | 530     | J         |        |     | 8.611      |          |
|                                       | unknown-01                         | 160     | J         |        |     | 8.722      |          |
|                                       | unknown-02                         | 290     | J         |        |     | 10.669     |          |
|                                       | unknown-03                         | 230     | J         |        |     | 12.016     |          |
| 1000278-87-6                          | 2-Thiophenecarboxylic acid, 6-ethy | 130     | J         |        |     | 12.263     |          |
|                                       | unknown-04                         | 97      | J         |        |     | 12.363     |          |
|                                       | unknown-05                         | 120     | J         |        |     | 12.593     |          |
| 1000382-54-5                          | Carbonic acid, tetradecyl vinyl es | 250     | J         |        |     | 12.875     |          |
|                                       | unknown-06                         | 250     | J         |        |     | 13.087     |          |
| 000581-40-8                           | Naphthalene, 2,3-dimethyl-         | 89      | J         |        |     | 13.351     |          |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC85     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-10  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 14.5                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           |                       |
| Extraction Type :  |           | Level :         | LOW                   |
| Decanted :         |           |                 |                       |
| Injection Volume : |           | GPC Factor :    |                       |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034353.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number   | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 006874-39-1  | (2E,4E)-3,7-Dimethylocta-2,4-diene | 79    | J         |     |     | 13.399     |       |
| 000571-58-4  | Naphthalene, 1,4-dimethyl-         | 170   | J         |     |     | 13.593     |       |
| 028281-49-4  | 3,4-Methylenedioxypiofenone        | 160   | J         |     |     | 13.787     |       |
|              | (DEL) Alkane: Straight-Chain13.975 | 420   | J         |     |     | 13.975     |       |
| 000935-95-5  | Phenol, 2,3,5,6-tetrachloro-       | 220   | J         |     |     | 14.593     |       |
|              | (DEL) Alkane: Straight-Chain14.804 | 180   | J         |     |     | 14.804     |       |
|              | unknown-07                         | 96    | J         |     |     | 14.857     |       |
|              | (DEL) Alkane: Straight-Chain14.934 | 250   | J         |     |     | 14.934     |       |
| 074752-97-9  | 1,3-Hexadiene, 3-ethyl-2-methyl-,  | 270   | J         |     |     | 15.334     |       |
| 000119-61-9  | Benzophenone                       | 360   | J         |     |     | 15.422     |       |
|              | (DEL) Alkane: Straight-Chain15.798 | 310   | J         |     |     | 15.798     |       |
| 000947-19-3  | Methanone, (1-hydroxycyclohexyl)ph | 79    | J         |     |     | 15.981     |       |
| 321732-25-6  | Dehydrochamazulene                 | 82    | J         |     |     | 16.157     |       |
|              | (DEL) Alkane: Straight-Chain16.592 | 210   | J         |     |     | 16.592     |       |
|              | (DEL) Alkane: Straight-Chain16.645 | 100   | J         |     |     | 16.645     |       |
|              | (DEL) Alkane: Straight-Chain17.334 | 220   | J         |     |     | 17.334     |       |
| 001825-21-4  | Anisole, 2,3,4,5,6-pentachloro-    | 100   | J         |     |     | 17.428     |       |
| 000057-10-3  | n-Hexadecanoic acid                | 250   | J         |     |     | 17.734     |       |
|              | (DEL) Alkane: Straight-Chain18.028 | 180   | J         |     |     | 18.028     |       |
|              | (DEL) Alkane: Straight-Chain18.675 | 130   | J         |     |     | 18.675     |       |
| 000057-11-4  | Octadecanoic acid                  | 170   | J         |     |     | 19.028     |       |
|              | (DEL) Alkane: Straight-Chain20.304 | 80    | J         |     |     | 20.304     |       |
| 1000406-04-8 | Pentadecafluorooctanoic acid, octa | 290   | J         |     |     | 20.763     |       |
|              | (DEL) Alkane: Straight-Chain21.251 | 82    | J         |     |     | 21.251     |       |
|              | (DEL) Alkane: Straight-Chain21.769 | 160   | J         |     |     | 21.769     |       |
| E966796      | Total Alkanes                      | 3900  |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC94     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-12  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 13.5                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034354.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 14    | U         | 14  | 7.6  | 77         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 55    | U         | 55  | 95.1 | 380        | ug/Kg |
| 110-86-1       | Pyridine                    | 14    | U         | 14  | 190  | 380        | ug/Kg |
| 108-95-2       | Phenol                      | 52    | U         | 52  | 95.1 | 380        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 40    | U         | 40  | 95.1 | 380        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 25    | U         | 25  | 49   | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 45    | U         | 45  | 95.1 | 380        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 33    | U         | 33  | 95.1 | 380        | ug/Kg |
| 98-86-2        | Acetophenone                | 68    | U         | 68  | 95.1 | 380        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 47    | U         | 47  | 95.1 | 380        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 43    | U         | 43  | 49   | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 18    | U         | 18  | 49   | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 31    | U         | 31  | 49   | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 41    | U         | 41  | 49   | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 35    | U         | 35  | 49   | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 9.8   | U         | 9.8 | 49   | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 36    | U         | 36  | 49   | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 39    | U         | 39  | 49   | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 38    | U         | 38  | 49   | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 51    | U         | 51  | 49   | 380        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 30    | U         | 30  | 49   | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 46    | U         | 46  | 95.1 | 380        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 41    | U         | 41  | 49   | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 22    | U         | 22  | 49   | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 43    | U         | 43  | 49   | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 22    | U         | 22  | 95.1 | 380        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 58    | U         | 58  | 49   | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 56    | U         | 56  | 49   | 200        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC94                 | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-12              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 13.5                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034354.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 53    | U         | 53  | 49   | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 51    | U         | 51  | 49   | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 25    | U         | 25  | 49   | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 44    | U         | 44  | 49   | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 30    | U         | 30  | 49   | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 53    | U         | 53  | 49   | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 16    | U         | 16  | 95.1 | 380        | ug/Kg |
| 83-32-9    | Acenaphthene               | 58    | U         | 58  | 49   | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 37    | U         | 37  | 95.1 | 380        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 13    | U         | 13  | 95.1 | 380        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 46    | U         | 46  | 49   | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 15    | U         | 15  | 49   | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 47    | U         | 47  | 49   | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 67    | U         | 67  | 49   | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 55    | U         | 55  | 49   | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 18    | U         | 18  | 95.1 | 380        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 45    | U         | 45  | 95.1 | 380        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 52    | U         | 52  | 49   | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 52    | U         | 52  | 49   | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 110   | U         | 110 | 49   | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 58    | U         | 58  | 49   | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 13    | U         | 13  | 95.1 | 380        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 13000 | E         | 44  | 95.1 | 380        | ug/Kg |
| 85-01-8    | Phenanthrene               | 61    | U         | 61  | 49   | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 41    | U         | 41  | 49   | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 54    | U         | 54  | 49   | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 6.5   | U         | 6.5 | 49   | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 70    | U         | 70  | 95.1 | 380        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 66    | U         | 66  | 49   | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 110   | J         | 52  | 95.1 | 200        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC94     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-12  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 13.5                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           |                       |
| Extraction Type :  |           | Level :         | LOW                   |
| Decanted :         |           |                 |                       |
| Injection Volume : |           | GPC Factor :    |                       |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034354.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 74     | J         | 53     | 49   | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 50     | U         | 50     | 49   | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 29     | U         | 29     | 95.1 | 380        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 45     | U         | 45     | 49   | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 53     | U         | 53     | 49   | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 50     | U         | 50     | 49   | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 50     | U         | 50     | 95.1 | 380        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 55     | U         | 55     | 49   | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 67     | U         | 67     | 49   | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 66     | U         | 66     | 49   | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 52     | U         | 52     | 49   | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 60     | U         | 60     | 49   | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 53     | U         | 53     | 49   | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1100   |           | 60     | 49   | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.093  |           | 15-120 |      | 64         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 20.052 |           | 20-120 |      | 50         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 26.216 |           | 10-130 |      | 66         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 23.784 |           | 10-150 |      | 59         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 28.262 |           | 15-120 |      | 71         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 23.791 |           | 10-140 |      | 59         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 29.158 |           | 10-135 |      | 73         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 31.989 |           | 10-120 |      | 80         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 29.645 |           | 10-140 |      | 74         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.044 |           | 1-145  |      | 58         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 29.941 |           | 10-145 |      | 75         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 30.743 |           | 15-120 |      | 77         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 19.864 |           | 10-150 |      | 50         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 29.904 |           | 20-140 |      | 75         | SPK: -40 |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC94     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-12  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 13.5                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           |                       |
| Extraction Type :  |           | Level :         | LOW                   |
| Decanted :         |           |                 |                       |
| Injection Volume : |           | GPC Factor :    |                       |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034354.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 24.707  |           | 10-130 |     | 62         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 31.923  |           | 10-150 |     | 80         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 31.904  |           | 10-130 |     | 80         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 33.62   |           | 10-140 |     | 84         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 230246  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 899085  | 10.139    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 541619  | 14.039    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1088931 | 16.798    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1056313 | 21.033    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1310754 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 000141-79-7                           | 3-Penten-2-one, 4-methyl-          | 260     | A         |        |     | 4.005      |          |
|                                       | (DEL) Alkane: Straight-Chain6.457  | 79      | J         |        |     | 6.457      |          |
|                                       | (DEL) Alkane: Straight-Chain7.028  | 340     | J         |        |     | 7.028      |          |
|                                       | (DEL) Alkane: Straight-Chain7.316  | 88      | J         |        |     | 7.316      |          |
|                                       | (DEL) Alkane: Straight-Chain7.469  | 120     | J         |        |     | 7.469      |          |
|                                       | (DEL) Alkane: Straight-Chain7.581  | 110     | J         |        |     | 7.581      |          |
|                                       | (DEL) Alkane: Straight-Chain7.651  | 160     | J         |        |     | 7.651      |          |
|                                       | (DEL) Alkane: Straight-Chain7.922  | 230     | J         |        |     | 7.922      |          |
|                                       | (DEL) Alkane: Straight-Chain7.981  | 140     | J         |        |     | 7.981      |          |
|                                       | (DEL) Alkane: Straight-Chain8.151  | 230     | J         |        |     | 8.151      |          |
|                                       | (DEL) Alkane: Straight-Chain8.610  | 600     | J         |        |     | 8.61       |          |
|                                       | unknown-01                         | 160     | J         |        |     | 8.722      |          |
| 003761-94-2                           | 1-Methylcycloheptanol              | 290     | J         |        |     | 10.669     |          |
|                                       | unknown-02                         | 88      | J         |        |     | 11.575     |          |
|                                       | unknown-03                         | 240     | J         |        |     | 12.016     |          |
| 1000280-66-0                          | 2-Thiophenecarboxylic acid, 3-trid | 130     | J         |        |     | 12.263     |          |
|                                       | unknown-04                         | 110     | J         |        |     | 12.363     |          |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC94     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-12  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 13.5                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           |                       |
| Extraction Type :  |           | Level :         | LOW                   |
| Decanted :         |           |                 |                       |
| Injection Volume : |           | GPC Factor :    |                       |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034354.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number   | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 013837-71-3  | m-Menth-1(7)-ene, (R)-(-)-         | 110   | J         |     |     | 12.598     |       |
|              | (DEL) Alkane: Straight-Chain12.875 | 230   | J         |     |     | 12.875     |       |
|              | unknown-05                         | 230   | J         |     |     | 13.086     |       |
| 000573-98-8  | Naphthalene, 1,2-dimethyl-         | 87    | J         |     |     | 13.351     |       |
|              | unknown-06                         | 77    | J         |     |     | 13.398     |       |
|              | unknown-07                         | 160   | J         |     |     | 13.592     |       |
| 028281-49-4  | 3,4-Methylenedioxypropiofenone     | 110   | J         |     |     | 13.786     |       |
| 1010309-19-2 | Sulfurous acid, 2-ethylhexyl nonyl | 370   | J         |     |     | 13.969     |       |
| 000935-95-5  | Phenol, 2,3,5,6-tetrachloro-       | 220   | J         |     |     | 14.592     |       |
|              | (DEL) Alkane: Straight-Chain14.804 | 190   | J         |     |     | 14.804     |       |
| 019218-94-1  | Tetradecane, 1-iodo-               | 190   | J         |     |     | 14.933     |       |
| 074752-97-9  | 1,3-Hexadiene, 3-ethyl-2-methyl-,  | 200   | J         |     |     | 15.333     |       |
| 000119-61-9  | Benzophenone                       | 420   | J         |     |     | 15.422     |       |
|              | (DEL) Alkane: Straight-Chain15.798 | 200   | J         |     |     | 15.798     |       |
|              | (DEL) Alkane: Straight-Chain16.598 | 160   | J         |     |     | 16.598     |       |
|              | (DEL) Alkane: Straight-Chain17.333 | 150   | J         |     |     | 17.333     |       |
| 001825-21-4  | Anisole, 2,3,4,5,6-pentachloro-    | 99    | J         |     |     | 17.427     |       |
| 000057-10-3  | n-Hexadecanoic acid                | 340   | J         |     |     | 17.733     |       |
|              | (DEL) Alkane: Straight-Chain18.027 | 130   | J         |     |     | 18.027     |       |
|              | (DEL) Alkane: Straight-Chain18.674 | 89    | J         |     |     | 18.674     |       |
| 000057-11-4  | Octadecanoic acid                  | 130   | J         |     |     | 19.027     |       |
| 002136-70-1  | Ethanol, 2-(tetradecyloxy)-        | 290   | J         |     |     | 20.768     |       |
|              | (DEL) Alkane: Straight-Chain21.768 | 120   | J         |     |     | 21.768     |       |
| E966796      | Total Alkanes                      | 3400  |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC95        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-13     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.6                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034355.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 14    | U         | 14  | 7.7  | 78         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 56    | U         | 56  | 96.6 | 390        | ug/Kg |
| 110-86-1       | Pyridine                    | 14    | U         | 14  | 190  | 390        | ug/Kg |
| 108-95-2       | Phenol                      | 53    | U         | 53  | 96.6 | 390        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 41    | U         | 41  | 96.6 | 390        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 26    | U         | 26  | 49.8 | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 46    | U         | 46  | 96.6 | 390        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 34    | U         | 34  | 96.6 | 390        | ug/Kg |
| 98-86-2        | Acetophenone                | 69    | U         | 69  | 96.6 | 390        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 48    | U         | 48  | 96.6 | 390        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 43    | U         | 43  | 49.8 | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 19    | U         | 19  | 49.8 | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 32    | U         | 32  | 49.8 | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 42    | U         | 42  | 49.8 | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 35    | U         | 35  | 49.8 | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 10    | U         | 10  | 49.8 | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 36    | U         | 36  | 49.8 | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 40    | U         | 40  | 49.8 | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1200  |           | 39  | 49.8 | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 52    | U         | 52  | 49.8 | 390        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 30    | U         | 30  | 49.8 | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 47    | U         | 47  | 96.6 | 390        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 42    | U         | 42  | 49.8 | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 2100  |           | 22  | 49.8 | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 3400  | E         | 43  | 49.8 | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 22    | U         | 22  | 96.6 | 390        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 180   | J         | 59  | 49.8 | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 62    | J         | 57  | 49.8 | 200        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC95        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-13     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.6                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034355.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 270   |           | 54  | 49.8 | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 52    | U         | 52  | 49.8 | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 26    | U         | 26  | 49.8 | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 44    | U         | 44  | 49.8 | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 30    | U         | 30  | 49.8 | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 54    | U         | 54  | 49.8 | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 16    | U         | 16  | 96.6 | 390        | ug/Kg |
| 83-32-9    | Acenaphthene               | 71    | J         | 59  | 49.8 | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 37    | U         | 37  | 96.6 | 390        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 13    | U         | 13  | 96.6 | 390        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 47    | U         | 47  | 49.8 | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 15    | U         | 15  | 49.8 | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 48    | U         | 48  | 49.8 | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 170   | J         | 68  | 49.8 | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 56    | U         | 56  | 49.8 | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 19    | U         | 19  | 96.6 | 390        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 46    | U         | 46  | 96.6 | 390        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 53    | U         | 53  | 49.8 | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 53    | U         | 53  | 49.8 | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 120   | U         | 120 | 49.8 | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 59    | U         | 59  | 49.8 | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 13    | U         | 13  | 96.6 | 390        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 79000 | E         | 44  | 96.6 | 390        | ug/Kg |
| 85-01-8    | Phenanthrene               | 600   |           | 62  | 49.8 | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 42    | U         | 42  | 49.8 | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 55    | U         | 55  | 49.8 | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 6.6   | U         | 6.6 | 49.8 | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 71    | U         | 71  | 96.6 | 390        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 67    | U         | 67  | 49.8 | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 61    | J         | 53  | 96.6 | 200        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC95        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-13     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.6                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034355.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 54     | U         | 54     | 49.8 | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 50     | U         | 50     | 49.8 | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 29     | U         | 29     | 96.6 | 390        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 46     | U         | 46     | 49.8 | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 54     | U         | 54     | 49.8 | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 64     | J         | 50     | 49.8 | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 50     | U         | 50     | 96.6 | 390        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 56     | U         | 56     | 49.8 | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 68     | U         | 68     | 49.8 | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 67     | U         | 67     | 49.8 | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 53     | U         | 53     | 49.8 | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 61     | U         | 61     | 49.8 | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 54     | U         | 54     | 49.8 | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 19000  | E         | 61     | 49.8 | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 1.226  |           | 15-120 |      | 15         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.34   | U         | 20-120 |      | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 5.405  |           | 10-130 |      | 14         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 9.896  |           | 10-150 |      | 25         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 5.445  | *         | 15-120 |      | 14         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 0.63   | *         | 10-140 |      | 2          | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 10.495 |           | 10-135 |      | 26         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 9.244  |           | 10-120 |      | 23         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 4.743  |           | 10-140 |      | 12         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 14.787 |           | 1-145  |      | 37         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 7.44   |           | 10-145 |      | 19         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 7.48   |           | 15-120 |      | 19         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 9.109  |           | 10-150 |      | 23         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 8.008  |           | 20-140 |      | 20         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC95        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-13     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.6                  |
| Sample Wt/Vol:     | 30           | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 500                   |
|                    |              |                 | uL                    |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Cleanup :   | PH :                  |
|                    | GPC Factor : |                 |                       |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034355.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number                            | Parameter                         | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-----------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2     | 6.416   |           | 10-130 |     | 16         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                    | 7.459   |           | 10-150 |     | 19         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                        | 6.238   |           | 10-130 |     | 16         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                | 3.609   | *         | 10-140 |     | 9          | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                   |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4            | 210697  | 7.387     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                    | 801499  | 10.146    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                  | 571574  | 14.04     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                  | 1133775 | 16.816    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                      | 1113701 | 21.028    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                      | 1317250 | 23.745    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                   |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain5.452 | 810     | J         |        |     | 5.452      |          |
| 000098-82-8                           | Benzene, (1-methylethyl)-         | 230     | J         |        |     | 5.911      |          |
|                                       | (DEL) Alkane: Straight-Chain5.981 | 320     | J         |        |     | 5.981      |          |
|                                       | (DEL) Alkane: Cyclic6.052         | 290     | J         |        |     | 6.052      |          |
|                                       | (DEL) Alkane: Straight-Chain6.317 | 240     | J         |        |     | 6.317      |          |
| 000103-65-1                           | Benzene, propyl-                  | 320     | J         |        |     | 6.381      |          |
|                                       | (DEL) Alkane: Straight-Chain6.411 | 400     | J         |        |     | 6.411      |          |
|                                       | (DEL) Alkane: Straight-Chain6.470 | 500     | J         |        |     | 6.47       |          |
| 000620-14-4                           | Benzene, 1-ethyl-3-methyl-        | 560     | J         |        |     | 6.499      |          |
| 019549-80-5                           | 2-Heptanone, 4,6-dimethyl-        | 430     | J         |        |     | 6.846      |          |
|                                       | (DEL) Alkane: Straight-Chain7.046 | 2400    | J         |        |     | 7.046      |          |
| 1000372-74-7                          | Isobutyl octan-2-yl carbonate     | 330     | J         |        |     | 7.475      |          |
| 000108-67-8                           | Mesitylene                        | 490     | J         |        |     | 7.505      |          |
|                                       | (DEL) Alkane: Straight-Chain7.587 | 290     | J         |        |     | 7.587      |          |
|                                       | (DEL) Alkane: Cyclic7.664         | 630     | J         |        |     | 7.664      |          |
| 000141-93-5                           | Benzene, 1,3-diethyl-             | 470     | J         |        |     | 7.875      |          |
| 001074-55-1                           | Benzene, 1-methyl-4-propyl-       | 970     | J         |        |     | 7.934      |          |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC95        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-13     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.6                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034355.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number  | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 001758-88-9 | (DEL) Alkane: Straight-Chain7.993  | 530   | J         |     |     | 7.993      |       |
|             | Benzene, 2-ethyl-1,4-dimethyl-     | 490   | J         |     |     | 8.028      |       |
|             | (DEL) Alkane: Straight-Chain8.064  | 870   | J         |     |     | 8.064      |       |
|             | (DEL) Alkane: Straight-Chain8.164  | 830   | J         |     |     | 8.164      |       |
| 000527-84-4 | o-Cymene                           | 440   | J         |     |     | 8.34       |       |
| 000535-77-3 | Benzene, 1-methyl-3-(1-methylethyl | 560   | J         |     |     | 8.387      |       |
|             | (DEL) Alkane: Straight-Chain8.640  | 2200  | J         |     |     | 8.64       |       |
|             | unknown-01                         | 900   | J         |     |     | 8.734      |       |
|             | (DEL) Alkane: Straight-Chain8.875  | 150   | J         |     |     | 8.875      |       |
| 000095-93-2 | Benzene, 1,2,4,5-tetramethyl-      | 170   | J         |     |     | 9.063      |       |
|             | (DEL) Alkane: Straight-Chain9.463  | 180   | J         |     |     | 9.463      |       |
|             | (DEL) Alkane: Straight-Chain9.528  | 120   | J         |     |     | 9.528      |       |
|             | (DEL) Alkane: Straight-Chain9.611  | 120   | J         |     |     | 9.611      |       |
|             | (DEL) Alkane: Straight-Chain9.710  | 120   | J         |     |     | 9.71       |       |
|             | (DEL) Alkane: Straight-Chain10.340 | 110   | J         |     |     | 10.34      |       |
| 006413-83-8 | 2,4-Dipropyl-5-ethyl-1,3-dioxane   | 260   | J         |     |     | 10.552     |       |
| 000590-67-0 | Cyclohexanol, 1-methyl-            | 130   | J         |     |     | 10.681     |       |
|             | (DEL) Alkane: Straight-Chain11.087 | 130   | J         |     |     | 11.087     |       |
|             | (DEL) Alkane: Straight-Chain11.199 | 240   | J         |     |     | 11.199     |       |
|             | Benzene, 1,3,5-trimethyl-2-(1-meth | 210   | J         |     |     | 11.263     |       |
| 014679-13-1 | (DEL) Alkane: Straight-Chain11.616 | 420   | J         |     |     | 11.616     |       |
|             | 2(3H)-Furanone, 5-ethenyldihydro-5 | 850   | J         |     |     | 12.269     |       |
| 001073-11-6 | (DEL) Alkane: Cyclic12.305         | 550   | J         |     |     | 12.305     |       |
|             | (DEL) Alkane: Straight-Chain12.369 | 660   | J         |     |     | 12.369     |       |
|             | (DEL) Alkane: Straight-Chain12.587 | 1200  | J         |     |     | 12.587     |       |
|             | 2,6-Pyridinediamine                | 830   | J         |     |     | 13.099     |       |
| 000141-86-6 |                                    |       |           |     |     |            |       |
| 000575-43-9 | Naphthalene, 1,6-dimethyl-         | 950   | J         |     |     | 13.199     |       |
| 000581-40-8 | Naphthalene, 2,3-dimethyl-         | 1100  | J         |     |     | 13.363     |       |
| 000571-61-9 | Naphthalene, 1,5-dimethyl-         | 1300  | J         |     |     | 13.416     |       |
|             | (DEL) Alkane: Straight-Chain13.557 | 1200  | J         |     |     | 13.557     |       |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC95        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-13     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.6                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034355.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number   | Parameter                             | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|---------------------------------------|-------|-----------|-----|-----|------------|-------|
| 000571-58-4  | Naphthalene, 1,4-dimethyl-            | 640   | J         |     |     | 13.599     |       |
|              | (DEL) Alkane: Straight-Chain13.987    | 3400  | J         |     |     | 13.987     |       |
| 022106-37-2  | 4-(1-Pyrrolyl)acetophenone            | 1600  | J         |     |     | 14.204     |       |
| 002131-42-2  | Naphthalene, 1,4,6-trimethyl-         | 610   | J         |     |     | 14.534     |       |
|              | (DEL) Alkane: Straight-Chain14.604    | 910   | J         |     |     | 14.604     |       |
| 002245-38-7  | Naphthalene, 1,6,7-trimethyl-         | 1200  | J         |     |     | 14.828     |       |
|              | (DEL) Alkane: Straight-Chain14.945    | 2100  | J         |     |     | 14.945     |       |
|              | (DEL) Alkane: Straight-Chain15.345    | 1100  | J         |     |     | 15.345     |       |
|              | (DEL) Alkane: Straight-Chain15.810    | 2500  | J         |     |     | 15.81      |       |
|              | (DEL) Alkane: Straight-Chain16.604    | 1800  | J         |     |     | 16.604     |       |
|              | (DEL) Alkane: Straight-Chain16.651    | 1500  | J         |     |     | 16.651     |       |
|              | (DEL) Alkane: Straight-Chain17.340    | 1500  | J         |     |     | 17.34      |       |
| 000112-39-0  | Hexadecanoic acid, methyl ester       | 1800  | J         |     |     | 17.516     |       |
| 000057-10-3  | n-Hexadecanoic acid                   | 710   | J         |     |     | 17.74      |       |
|              | (DEL) Alkane: Straight-Chain18.034    | 1300  | J         |     |     | 18.034     |       |
|              | (DEL) Alkane: Straight-Chain18.681    | 1200  | J         |     |     | 18.681     |       |
| 001937-63-9  | 11-Octadecenoic acid, methyl ester    | 1100  | J         |     |     | 18.698     |       |
|              | (DEL) Alkane: Straight-Chain19.263    | 790   | J         |     |     | 19.263     |       |
|              | (DEL) Alkane: Straight-Chain19.804    | 1000  | J         |     |     | 19.804     |       |
|              | (DEL) Alkane: Straight-Chain20.304    | 720   | J         |     |     | 20.304     |       |
| 1000309-39-7 | Oxalic acid, 2-ethylhexyl tetradec    | 1800  | J         |     |     | 20.775     |       |
|              | (DEL) Alkane: Straight-Chain21.251    | 780   | J         |     |     | 21.251     |       |
| 1000309-39-3 | Oxalic acid, decyl 2-ethylhexyl ester | 1500  | J         |     |     | 21.775     |       |
| E966796      | Total Alkanes                         | 36000 |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC97        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-15     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 18.7                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034356.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 8.1  | 82         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 59    | U         | 59  | 100  | 410        | ug/Kg |
| 110-86-1       | Pyridine                    | 15    | U         | 15  | 200  | 410        | ug/Kg |
| 108-95-2       | Phenol                      | 55    | U         | 55  | 100  | 410        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 43    | U         | 43  | 100  | 410        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 27    | U         | 27  | 52.3 | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 48    | U         | 48  | 100  | 410        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 36    | U         | 36  | 100  | 410        | ug/Kg |
| 98-86-2        | Acetophenone                | 73    | U         | 73  | 100  | 410        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 50    | U         | 50  | 100  | 410        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 46    | U         | 46  | 52.3 | 210        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 20    | U         | 20  | 52.3 | 210        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 33    | U         | 33  | 52.3 | 210        | ug/Kg |
| 78-59-1        | Isophorone                  | 44    | U         | 44  | 52.3 | 210        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 37    | U         | 37  | 52.3 | 210        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 10    | U         | 10  | 52.3 | 210        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 38    | U         | 38  | 52.3 | 210        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 42    | U         | 42  | 52.3 | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 41    | U         | 41  | 52.3 | 210        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 54    | U         | 54  | 52.3 | 410        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 32    | U         | 32  | 52.3 | 210        | ug/Kg |
| 105-60-2       | Caprolactam                 | 49    | U         | 49  | 100  | 410        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 44    | U         | 44  | 52.3 | 210        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 23    | U         | 23  | 52.3 | 210        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 46    | U         | 46  | 52.3 | 210        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 23    | U         | 23  | 100  | 410        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 62    | U         | 62  | 52.3 | 210        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 60    | U         | 60  | 52.3 | 210        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC97        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-15     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 18.7                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034356.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 57    | U         | 57  | 52.3 | 210        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 54    | U         | 54  | 52.3 | 210        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 27    | U         | 27  | 52.3 | 210        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 47    | U         | 47  | 52.3 | 210        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 32    | U         | 32  | 52.3 | 210        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 57    | U         | 57  | 52.3 | 210        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 17    | U         | 17  | 100  | 410        | ug/Kg |
| 83-32-9    | Acenaphthene               | 62    | U         | 62  | 52.3 | 210        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 39    | U         | 39  | 100  | 410        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 14    | U         | 14  | 100  | 410        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 49    | U         | 49  | 52.3 | 210        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 16    | U         | 16  | 52.3 | 210        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 50    | U         | 50  | 52.3 | 210        | ug/Kg |
| 86-73-7    | Fluorene                   | 71    | U         | 71  | 52.3 | 210        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 59    | U         | 59  | 52.3 | 210        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 20    | U         | 20  | 100  | 410        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 48    | U         | 48  | 100  | 410        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 55    | U         | 55  | 52.3 | 210        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 55    | U         | 55  | 52.3 | 210        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 120   | U         | 120 | 52.3 | 210        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 62    | U         | 62  | 52.3 | 210        | ug/Kg |
| 1912-24-9  | Atrazine                   | 14    | U         | 14  | 100  | 410        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 4500  |           | 47  | 100  | 410        | ug/Kg |
| 85-01-8    | Phenanthrene               | 65    | U         | 65  | 52.3 | 210        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 44    | U         | 44  | 52.3 | 210        | ug/Kg |
| 120-12-7   | Anthracene                 | 58    | U         | 58  | 52.3 | 210        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 6.9   | U         | 6.9 | 52.3 | 210        | ug/Kg |
| 86-74-8    | Carbazole                  | 75    | U         | 75  | 100  | 410        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 70    | U         | 70  | 52.3 | 210        | ug/Kg |
| 206-44-0   | Fluoranthene               | 55    | U         | 55  | 100  | 210        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC97        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-15     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 18.7                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034356.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 57     | U         | 57     | 52.3 | 210        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 53     | U         | 53     | 52.3 | 210        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 31     | U         | 31     | 100  | 410        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 48     | U         | 48     | 52.3 | 210        | ug/Kg    |
| 218-01-9          | Chrysene                    | 57     | U         | 57     | 52.3 | 210        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 53     | U         | 53     | 52.3 | 210        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 53     | U         | 53     | 100  | 410        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 59     | U         | 59     | 52.3 | 210        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 71     | U         | 71     | 52.3 | 210        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 70     | U         | 70     | 52.3 | 210        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 55     | U         | 55     | 52.3 | 210        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 64     | U         | 64     | 52.3 | 210        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 57     | U         | 57     | 52.3 | 210        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 460    |           | 64     | 52.3 | 210        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.575  |           | 15-120 |      | 57         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 14.602 |           | 20-120 |      | 37         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 25.183 |           | 10-130 |      | 63         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 22.469 |           | 10-150 |      | 56         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 27.072 |           | 15-120 |      | 68         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 25.052 |           | 10-140 |      | 63         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 27.631 |           | 10-135 |      | 69         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 31.108 |           | 10-120 |      | 78         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.885 |           | 10-140 |      | 72         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 22.217 |           | 1-145  |      | 56         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 28.261 |           | 10-145 |      | 71         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 29.467 |           | 15-120 |      | 74         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 22.106 |           | 10-150 |      | 55         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.739 |           | 20-140 |      | 72         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC97        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-15     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 18.7                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034356.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 26.066  |           | 10-130 |     | 65         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 29.537  |           | 10-150 |     | 74         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 29.483  |           | 10-130 |     | 74         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 29.797  |           | 10-140 |     | 74         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 234526  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 938182  | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 580473  | 14.034    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1184647 | 16.798    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1185609 | 21.028    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1494723 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 000123-42-2                           | 2-Pentanone, 4-hydroxy-4-methyl-   | 91      | A         |        |     | 4.581      |          |
| 000107-41-5                           | Hexylene glycol                    | 200     | J         |        |     | 5.758      |          |
|                                       | unknown-01                         | 260     | J         |        |     | 7.628      |          |
| 000873-94-9                           | Cyclohexanone, 3,3,5-trimethyl-    | 220     | J         |        |     | 7.811      |          |
| 000149-57-5                           | Hexanoic acid, 2-ethyl-            | 1000    | J         |        |     | 8.763      |          |
|                                       | unknown-02                         | 170     | J         |        |     | 9.669      |          |
|                                       | unknown-03                         | 210     | J         |        |     | 10.04      |          |
| 1000484-18-2                          | 1,3-Hexanediol, 2-ethyl- (isomer 1 | 110     | J         |        |     | 10.369     |          |
| 1000484-18-1                          | 1,3-Hexanediol, 2-ethyl- (isomer 2 | 150     | J         |        |     | 10.463     |          |
|                                       | unknown-04                         | 84      | J         |        |     | 14.375     |          |
| 000119-61-9                           | Benzophenone                       | 530     | J         |        |     | 15.416     |          |
|                                       | unknown-05                         | 200     | J         |        |     | 15.881     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 290     | J         |        |     | 17.728     |          |
| 000057-11-4                           | Octadecanoic acid                  | 93      | J         |        |     | 19.028     |          |
|                                       | (DEL) Alkane: Straight-Chain       | 20.763  | J         |        |     | 20.763     |          |
| E966796                               | Total Alkanes                      | 110     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/11/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/11/2024 12:00:00 AM |
| Client Sample ID:  | DDC98                 | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-16              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 12.1                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034357.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 14    | U         | 14  | 7.5  | 76         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 54    | U         | 54  | 93.5 | 370        | ug/Kg |
| 110-86-1       | Pyridine                    | 14    | U         | 14  | 190  | 370        | ug/Kg |
| 108-95-2       | Phenol                      | 51    | U         | 51  | 93.5 | 370        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 40    | U         | 40  | 93.5 | 370        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 25    | U         | 25  | 48.2 | 190        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 44    | U         | 44  | 93.5 | 370        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 33    | U         | 33  | 93.5 | 370        | ug/Kg |
| 98-86-2        | Acetophenone                | 67    | U         | 67  | 93.5 | 370        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 46    | U         | 46  | 93.5 | 370        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 42    | U         | 42  | 48.2 | 190        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 18    | U         | 18  | 48.2 | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 31    | U         | 31  | 48.2 | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 41    | U         | 41  | 48.2 | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 34    | U         | 34  | 48.2 | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 9.6   | U         | 9.6 | 48.2 | 190        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 35    | U         | 35  | 48.2 | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 39    | U         | 39  | 48.2 | 190        | ug/Kg |
| 91-20-3        | Naphthalene                 | 37    | U         | 37  | 48.2 | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 50    | U         | 50  | 48.2 | 370        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 29    | U         | 29  | 48.2 | 190        | ug/Kg |
| 105-60-2       | Caprolactam                 | 45    | U         | 45  | 93.5 | 370        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 41    | U         | 41  | 48.2 | 190        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 22    | U         | 22  | 48.2 | 190        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 42    | U         | 42  | 48.2 | 190        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 22    | U         | 22  | 93.5 | 370        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 57    | U         | 57  | 48.2 | 190        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 56    | U         | 56  | 48.2 | 190        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/11/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/11/2024 12:00:00 AM |
| Client Sample ID:  | DDC98                 | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-16              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 12.1                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034357.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 52    | U         | 52  | 48.2 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 50    | U         | 50  | 48.2 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 25    | U         | 25  | 48.2 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 43    | U         | 43  | 48.2 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 29    | U         | 29  | 48.2 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 52    | U         | 52  | 48.2 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 16    | U         | 16  | 93.5 | 370        | ug/Kg |
| 83-32-9    | Acenaphthene               | 57    | U         | 57  | 48.2 | 190        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 36    | U         | 36  | 93.5 | 370        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 12    | U         | 12  | 93.5 | 370        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 45    | U         | 45  | 48.2 | 190        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 15    | U         | 15  | 48.2 | 190        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 46    | U         | 46  | 48.2 | 190        | ug/Kg |
| 86-73-7    | Fluorene                   | 66    | U         | 66  | 48.2 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 54    | U         | 54  | 48.2 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 18    | U         | 18  | 93.5 | 370        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 44    | U         | 44  | 93.5 | 370        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 51    | U         | 51  | 48.2 | 190        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 51    | U         | 51  | 48.2 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 110   | U         | 110 | 48.2 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 57    | U         | 57  | 48.2 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                   | 12    | U         | 12  | 93.5 | 370        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 59    | J         | 43  | 93.5 | 370        | ug/Kg |
| 85-01-8    | Phenanthrene               | 60    | U         | 60  | 48.2 | 190        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 41    | U         | 41  | 48.2 | 190        | ug/Kg |
| 120-12-7   | Anthracene                 | 53    | U         | 53  | 48.2 | 190        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 6.3   | U         | 6.3 | 48.2 | 190        | ug/Kg |
| 86-74-8    | Carbazole                  | 69    | U         | 69  | 93.5 | 370        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 65    | U         | 65  | 48.2 | 190        | ug/Kg |
| 206-44-0   | Fluoranthene               | 51    | U         | 51  | 93.5 | 190        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/11/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 9/11/2024 12:00:00 AM       |
| Client Sample ID:  | DDC98                 | SDG No.:        | BN100224                    |
| Lab Sample ID:     | P4017-16              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 12.1                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034357.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 52     | U         | 52     | 48.2 | 190        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 49     | U         | 49     | 48.2 | 190        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 28     | U         | 28     | 93.5 | 370        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 44     | U         | 44     | 48.2 | 190        | ug/Kg    |
| 218-01-9          | Chrysene                    | 52     | U         | 52     | 48.2 | 190        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 49     | U         | 49     | 48.2 | 190        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 49     | U         | 49     | 93.5 | 370        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 54     | U         | 54     | 48.2 | 190        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 66     | U         | 66     | 48.2 | 190        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 65     | U         | 65     | 48.2 | 190        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 51     | U         | 51     | 48.2 | 190        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 59     | U         | 59     | 48.2 | 190        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 52     | U         | 52     | 48.2 | 190        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 59     | U         | 59     | 48.2 | 190        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.424  |           | 15-120 |      | 55         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 19.031 |           | 20-120 |      | 48         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 22.738 |           | 10-130 |      | 57         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 21.643 |           | 10-150 |      | 54         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 25.658 |           | 15-120 |      | 64         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 22.773 |           | 10-140 |      | 57         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 27.044 |           | 10-135 |      | 68         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 28.61  |           | 10-120 |      | 72         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 26.416 |           | 10-140 |      | 66         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 25.236 |           | 1-145  |      | 63         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.358 |           | 10-145 |      | 66         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.635 |           | 15-120 |      | 72         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 17.261 |           | 10-150 |      | 43         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.177 |           | 20-140 |      | 70         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/11/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/11/2024 12:00:00 AM |
| Client Sample ID:  | DDC98              | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-16           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 12.1                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034357.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 17.183  |           | 10-130 |     | 43         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 29.138  |           | 10-150 |     | 73         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 29.236  |           | 10-130 |     | 73         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 29.985  |           | 10-140 |     | 75         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 244714  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 961262  | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 587752  | 14.034    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1202847 | 16.792    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1213661 | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1541593 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 380     | J         |        |     | 15.422     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 160     | J         |        |     | 17.728     |          |
| 015594-90-8                           | 1-Heneicosanol                | 150     | J         |        |     | 20.763     |          |
| E966796                               | Total Alkanes                 | 52      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                      |
|--------------------|--------------|-----------------|----------------------|
| Client:            |              | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD4        | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-18     | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 29.3                 |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL               |
| Soil Aliquot Vol:  | uL           | Test:           |                      |
| Extraction Type :  | Decanted :   | Level :         | LOW                  |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034358.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 17    | U         | 17  | 9.3  | 94         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 68    | U         | 68  | 120  | 470        | ug/Kg |
| 110-86-1       | Pyridine                    | 17    | U         | 17  | 230  | 470        | ug/Kg |
| 108-95-2       | Phenol                      | 64    | U         | 64  | 120  | 470        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 50    | U         | 50  | 120  | 470        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 31    | U         | 31  | 60.1 | 240        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 55    | U         | 55  | 120  | 470        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 41    | U         | 41  | 120  | 470        | ug/Kg |
| 98-86-2        | Acetophenone                | 83    | U         | 83  | 120  | 470        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 58    | U         | 58  | 120  | 470        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 52    | U         | 52  | 60.1 | 240        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 23    | U         | 23  | 60.1 | 240        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 38    | U         | 38  | 60.1 | 240        | ug/Kg |
| 78-59-1        | Isophorone                  | 51    | U         | 51  | 60.1 | 240        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 42    | U         | 42  | 60.1 | 240        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 12    | U         | 12  | 60.1 | 240        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 44    | U         | 44  | 60.1 | 240        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 48    | U         | 48  | 60.1 | 240        | ug/Kg |
| 91-20-3        | Naphthalene                 | 47    | U         | 47  | 60.1 | 240        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 62    | U         | 62  | 60.1 | 470        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 37    | U         | 37  | 60.1 | 240        | ug/Kg |
| 105-60-2       | Caprolactam                 | 57    | U         | 57  | 120  | 470        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 51    | U         | 51  | 60.1 | 240        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 27    | U         | 27  | 60.1 | 240        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 52    | U         | 52  | 60.1 | 240        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 27    | U         | 27  | 120  | 470        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 71    | U         | 71  | 60.1 | 240        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 69    | U         | 69  | 60.1 | 240        | ug/Kg |

## Report of Analysis

|                    |              |                 |                      |
|--------------------|--------------|-----------------|----------------------|
| Client:            |              | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD4        | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-18     | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 29.3                 |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL               |
| Soil Aliquot Vol:  | uL           | Test:           |                      |
| Extraction Type :  | Decanted :   | Level :         | LOW                  |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034358.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 65    | U         | 65  | 60.1 | 240        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 62    | U         | 62  | 60.1 | 240        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 31    | U         | 31  | 60.1 | 240        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 54    | U         | 54  | 60.1 | 240        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 37    | U         | 37  | 60.1 | 240        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 65    | U         | 65  | 60.1 | 240        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 20    | U         | 20  | 120  | 470        | ug/Kg |
| 83-32-9    | Acenaphthene               | 71    | U         | 71  | 60.1 | 240        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 45    | U         | 45  | 120  | 470        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 16    | U         | 16  | 120  | 470        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 57    | U         | 57  | 60.1 | 240        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 18    | U         | 18  | 60.1 | 240        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 58    | U         | 58  | 60.1 | 240        | ug/Kg |
| 86-73-7    | Fluorene                   | 82    | U         | 82  | 60.1 | 240        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 68    | U         | 68  | 60.1 | 240        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 23    | U         | 23  | 120  | 470        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 55    | U         | 55  | 120  | 470        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 64    | U         | 64  | 60.1 | 240        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 64    | U         | 64  | 60.1 | 240        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 140   | U         | 140 | 60.1 | 240        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 71    | U         | 71  | 60.1 | 240        | ug/Kg |
| 1912-24-9  | Atrazine                   | 16    | U         | 16  | 120  | 470        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 54    | U         | 54  | 120  | 470        | ug/Kg |
| 85-01-8    | Phenanthrene               | 75    | U         | 75  | 60.1 | 240        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 51    | U         | 51  | 60.1 | 240        | ug/Kg |
| 120-12-7   | Anthracene                 | 66    | U         | 66  | 60.1 | 240        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 7.9   | U         | 7.9 | 60.1 | 240        | ug/Kg |
| 86-74-8    | Carbazole                  | 86    | U         | 86  | 120  | 470        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 81    | U         | 81  | 60.1 | 240        | ug/Kg |
| 206-44-0   | Fluoranthene               | 64    | U         | 64  | 120  | 240        | ug/Kg |

## Report of Analysis

|                    |              |                 |                      |
|--------------------|--------------|-----------------|----------------------|
| Client:            |              | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD4        | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-18     | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 29.3                 |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL               |
| Soil Aliquot Vol:  | uL           | Test:           |                      |
| Extraction Type :  | Decanted :   | Level :         | LOW                  |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034358.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 65     | U         | 65     | 60.1 | 240        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 61     | U         | 61     | 60.1 | 240        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 35     | U         | 35     | 120  | 470        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 55     | U         | 55     | 60.1 | 240        | ug/Kg    |
| 218-01-9          | Chrysene                    | 65     | U         | 65     | 60.1 | 240        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 61     | U         | 61     | 60.1 | 240        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 61     | U         | 61     | 120  | 470        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 68     | U         | 68     | 60.1 | 240        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 82     | U         | 82     | 60.1 | 240        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 81     | U         | 81     | 60.1 | 240        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 64     | U         | 64     | 60.1 | 240        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 74     | U         | 74     | 60.1 | 240        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 65     | U         | 65     | 60.1 | 240        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 74     | U         | 74     | 60.1 | 240        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.958  |           | 15-120 |      | 37         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 13.328 |           | 20-120 |      | 33         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 15.964 |           | 10-130 |      | 40         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 15.237 |           | 10-150 |      | 38         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 18.297 |           | 15-120 |      | 46         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 15.254 |           | 10-140 |      | 38         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 18.523 |           | 10-135 |      | 46         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 18.721 |           | 10-120 |      | 47         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 17.68  |           | 10-140 |      | 44         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 14.19  |           | 1-145  |      | 35         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 17.727 |           | 10-145 |      | 44         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 18.362 |           | 15-120 |      | 46         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 8.822  |           | 10-150 |      | 22         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 17.774 |           | 20-140 |      | 44         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                      |
|--------------------|--------------|-----------------|----------------------|
| Client:            |              | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD4        | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-18     | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 29.3                 |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL               |
| Soil Aliquot Vol:  | uL           | Test:           |                      |
| Extraction Type :  | Decanted :   | Level :         | LOW                  |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034358.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 9.503   |           | 10-130 |     | 24         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 18.344  |           | 10-150 |     | 46         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 18.797  |           | 10-130 |     | 47         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 18.995  |           | 10-140 |     | 47         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 251021  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 954644  | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 562803  | 14.034    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1032673 | 16.792    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 966447  | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1293048 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 000141-79-7                           | 3-Penten-2-one, 4-methyl-          | 260     | A         |        |     | 4.005      |          |
| 000123-42-2                           | 2-Pentanone, 4-hydroxy-4-methyl-   | 440     | A         |        |     | 4.581      |          |
|                                       | unknown-01                         | 130     | J         |        |     | 11.687     |          |
| 000119-61-9                           | Benzophenone                       | 610     | J         |        |     | 15.416     |          |
| 000947-19-3                           | Methanone, (1-hydroxycyclohexyl)ph | 110     | J         |        |     | 15.981     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 120     | J         |        |     | 17.728     |          |
|                                       | (DEL) Alkane: Straight-Chain20.763 | 130     | J         |        |     | 20.763     |          |
| E966796                               | Total Alkanes                      | 130     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | SBLK489      | SDG No.:        | BN100224              |
| Lab Sample ID:     | PB163489BL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034360.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 12    | U         | 12  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 48    | U         | 48  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 12    | U         | 12  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 45    | U         | 45  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 35    | U         | 35  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 22    | U         | 22  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 39    | U         | 39  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 29    | U         | 29  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 59    | U         | 59  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 41    | U         | 41  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 37    | U         | 37  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 16    | U         | 16  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 36    | U         | 36  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 30    | U         | 30  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 8.5   | U         | 8.5 | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 31    | U         | 31  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 44    | U         | 44  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 40    | U         | 40  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 36    | U         | 36  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 19    | U         | 19  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 37    | U         | 37  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 19    | U         | 19  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 49    | U         | 49  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | SBLK489      | SDG No.:        | BN100224              |
| Lab Sample ID:     | PB163489BL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034360.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 46    | U         | 46  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 44    | U         | 44  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 22    | U         | 22  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 38    | U         | 38  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 46    | U         | 46  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 14    | U         | 14  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 32    | U         | 32  | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 11    | U         | 11  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 40    | U         | 40  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 13    | U         | 13  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 58    | U         | 58  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 48    | U         | 48  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 16    | U         | 16  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 39    | U         | 39  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 99    | U         | 99  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 11    | U         | 11  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 38    | U         | 38  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 53    | U         | 53  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 36    | U         | 36  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 47    | U         | 47  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 5.6   | U         | 5.6 | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 61    | U         | 61  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 57    | U         | 57  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 45    | U         | 45  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | SBLK489      | SDG No.:        | BN100224              |
| Lab Sample ID:     | PB163489BL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034360.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 46     | U         | 46     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 43     | U         | 43     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 25     | U         | 25     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 39     | U         | 39     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 46     | U         | 46     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 43     | U         | 43     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 43     | U         | 43     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 48     | U         | 48     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 58     | U         | 58     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 57     | U         | 57     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 45     | U         | 45     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 52     | U         | 52     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 46     | U         | 46     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 52     | U         | 52     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.188  |           | 15-120 |      | 52         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 18.114 |           | 20-120 |      | 45         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 17.858 |           | 10-130 |      | 45         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 17.057 |           | 10-150 |      | 43         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 20.608 |           | 15-120 |      | 52         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 16.84  |           | 10-140 |      | 42         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 20.512 |           | 10-135 |      | 51         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 21.274 |           | 10-120 |      | 53         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 19.419 |           | 10-140 |      | 49         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 18.14  |           | 1-145  |      | 45         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 19.201 |           | 10-145 |      | 48         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 20.229 |           | 15-120 |      | 51         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 12.014 |           | 10-150 |      | 30         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 19.455 |           | 20-140 |      | 49         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | SBLK489      | SDG No.:        | BN100224              |
| Lab Sample ID:     | PB163489BL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034360.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 14.092  |           | 10-130 |     | 35         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 20.659  |           | 10-150 |     | 52         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 20.178  |           | 10-130 |     | 50         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 20.145  |           | 10-140 |     | 50         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 298713  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1171225 | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 691992  | 14.034    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1327450 | 16.792    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1302271 | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1617734 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 46      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |           |                 |                      |
|--------------------|-----------|-----------------|----------------------|
| Client:            |           | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD7     | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-21  | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 21.4                 |
| Sample Wt/Vol:     | 30.1      | Units:          | g                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                  |
|                    |           | Test:           | uL                   |
| Extraction Type :  |           | Decanted :      | Level :              |
|                    |           |                 | LOW                  |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :        |
|                    |           |                 | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034361.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 8.4  | 85         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 61    | U         | 61  | 100  | 420        | ug/Kg |
| 110-86-1       | Pyridine                    | 15    | U         | 15  | 210  | 420        | ug/Kg |
| 108-95-2       | Phenol                      | 57    | U         | 57  | 100  | 420        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 44    | U         | 44  | 100  | 420        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 28    | U         | 28  | 53.9 | 220        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 49    | U         | 49  | 100  | 420        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 37    | U         | 37  | 100  | 420        | ug/Kg |
| 98-86-2        | Acetophenone                | 75    | U         | 75  | 100  | 420        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 52    | U         | 52  | 100  | 420        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 47    | U         | 47  | 53.9 | 220        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 20    | U         | 20  | 53.9 | 220        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 34    | U         | 34  | 53.9 | 220        | ug/Kg |
| 78-59-1        | Isophorone                  | 46    | U         | 46  | 53.9 | 220        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 38    | U         | 38  | 53.9 | 220        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 11    | U         | 11  | 53.9 | 220        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 39    | U         | 39  | 53.9 | 220        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 43    | U         | 43  | 53.9 | 220        | ug/Kg |
| 91-20-3        | Naphthalene                 | 450   |           | 42  | 53.9 | 220        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 56    | U         | 56  | 53.9 | 420        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 33    | U         | 33  | 53.9 | 220        | ug/Kg |
| 105-60-2       | Caprolactam                 | 51    | U         | 51  | 100  | 420        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 46    | U         | 46  | 53.9 | 220        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 680   |           | 24  | 53.9 | 220        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1200  |           | 47  | 53.9 | 220        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 24    | U         | 24  | 100  | 420        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 63    | U         | 63  | 53.9 | 220        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 130   | J         | 62  | 53.9 | 220        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                      |
|--------------------|-----------------------|-----------------|----------------------|
| Client:            |                       | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD7                 | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-21              | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 21.4                 |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500              uL  |
| Soil Aliquot Vol:  | uL                    | Test:           |                      |
| Extraction Type :  | Decanted :            | Level :         | LOW                  |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034361.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 58    | U         | 58  | 53.9 | 220        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 56    | U         | 56  | 53.9 | 220        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 28    | U         | 28  | 53.9 | 220        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 48    | U         | 48  | 53.9 | 220        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 33    | U         | 33  | 53.9 | 220        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 58    | U         | 58  | 53.9 | 220        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 18    | U         | 18  | 100  | 420        | ug/Kg |
| 83-32-9    | Acenaphthene               | 63    | U         | 63  | 53.9 | 220        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 41    | U         | 41  | 100  | 420        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 14    | U         | 14  | 100  | 420        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 51    | U         | 51  | 53.9 | 220        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 16    | U         | 16  | 53.9 | 220        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 52    | U         | 52  | 53.9 | 220        | ug/Kg |
| 86-73-7    | Fluorene                   | 87    | J         | 74  | 53.9 | 220        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 61    | U         | 61  | 53.9 | 220        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 20    | U         | 20  | 100  | 420        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 49    | U         | 49  | 100  | 420        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 57    | U         | 57  | 53.9 | 220        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 57    | U         | 57  | 53.9 | 220        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 130   | U         | 130 | 53.9 | 220        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 63    | U         | 63  | 53.9 | 220        | ug/Kg |
| 1912-24-9  | Atrazine                   | 14    | U         | 14  | 100  | 420        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 40000 | E         | 48  | 100  | 420        | ug/Kg |
| 85-01-8    | Phenanthrene               | 280   |           | 67  | 53.9 | 220        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 46    | U         | 46  | 53.9 | 220        | ug/Kg |
| 120-12-7   | Anthracene                 | 60    | U         | 60  | 53.9 | 220        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 7.1   | U         | 7.1 | 53.9 | 220        | ug/Kg |
| 86-74-8    | Carbazole                  | 77    | U         | 77  | 100  | 420        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 72    | U         | 72  | 53.9 | 220        | ug/Kg |
| 206-44-0   | Fluoranthene               | 57    | U         | 57  | 100  | 220        | ug/Kg |

## Report of Analysis

|                    |           |                 |                      |
|--------------------|-----------|-----------------|----------------------|
| Client:            |           | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD7     | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-21  | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 21.4                 |
| Sample Wt/Vol:     | 30.1      | Units:          | g                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                  |
|                    |           | Test:           | uL                   |
| Extraction Type :  |           | Decanted :      | Level :              |
| Injection Volume : |           | GPC Factor :    | LOW                  |
|                    |           | GPC Cleanup :   | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034361.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 58     | U         | 58     | 53.9 | 220        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 55     | U         | 55     | 53.9 | 220        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 32     | U         | 32     | 100  | 420        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 49     | U         | 49     | 53.9 | 220        | ug/Kg    |
| 218-01-9          | Chrysene                    | 58     | U         | 58     | 53.9 | 220        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 55     | U         | 55     | 53.9 | 220        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 55     | U         | 55     | 100  | 420        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 61     | U         | 61     | 53.9 | 220        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 74     | U         | 74     | 53.9 | 220        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 72     | U         | 72     | 53.9 | 220        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 57     | U         | 57     | 53.9 | 220        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 66     | U         | 66     | 53.9 | 220        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 58     | U         | 58     | 53.9 | 220        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 7200   | E         | 66     | 53.9 | 220        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.336  |           | 15-120 |      | 42         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 6.104  | *         | 20-120 |      | 15         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 15.906 |           | 10-130 |      | 40         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 16.263 |           | 10-150 |      | 41         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 18.026 |           | 15-120 |      | 45         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 15.412 |           | 10-140 |      | 39         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 19.361 |           | 10-135 |      | 48         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 20.21  |           | 10-120 |      | 51         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 18.698 |           | 10-140 |      | 47         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 10.54  |           | 1-145  |      | 26         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 18.103 |           | 10-145 |      | 45         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 19.103 |           | 15-120 |      | 48         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 13.482 |           | 10-150 |      | 34         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 18.701 |           | 20-140 |      | 47         | SPK: -40 |

## Report of Analysis

|                    |           |                 |                      |
|--------------------|-----------|-----------------|----------------------|
| Client:            |           | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD7     | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-21  | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 21.4                 |
| Sample Wt/Vol:     | 30.1      | Units:          | g                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                  |
|                    |           | Test:           |                      |
| Extraction Type :  |           | Decanted :      | Level :              |
| Injection Volume : |           | GPC Factor :    | LOW                  |
|                    |           | GPC Cleanup :   | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034361.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number                            | Parameter                         | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-----------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2     | 25.333  |           | 10-130 |     | 63         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                    | 19.101  |           | 10-150 |     | 48         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                        | 18.748  |           | 10-130 |     | 47         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                | 18.844  |           | 10-140 |     | 47         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                   |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4            | 220448  | 7.387     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                    | 841672  | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                  | 531551  | 14.04     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                  | 1100138 | 16.804    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                      | 1091058 | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                      | 1372756 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                   |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain5.452 | 880     | J         |        |     | 5.452      |          |
| 000098-82-8                           | Benzene, (1-methylethyl)-         | 380     | J         |        |     | 5.905      |          |
|                                       | (DEL) Alkane: Straight-Chain5.981 | 320     | J         |        |     | 5.981      |          |
|                                       | (DEL) Alkane: Cyclic6.052         | 320     | J         |        |     | 6.052      |          |
|                                       | (DEL) Alkane: Straight-Chain6.311 | 250     | J         |        |     | 6.311      |          |
| 000103-65-1                           | Benzene, propyl-                  | 780     | J         |        |     | 6.387      |          |
|                                       | (DEL) Alkane: Straight-Chain6.464 | 610     | J         |        |     | 6.464      |          |
| 000611-14-3                           | Benzene, 1-ethyl-2-methyl-        | 1600    | J         |        |     | 6.499      |          |
| 019549-80-5                           | 2-Heptanone, 4,6-dimethyl-        | 460     | J         |        |     | 6.84       |          |
| 000526-73-8                           | Benzene, 1,2,3-trimethyl-         | 4100    | J         |        |     | 7.04       |          |
|                                       | (DEL) Alkane: Straight-Chain7.293 | 240     | J         |        |     | 7.293      |          |
|                                       | (DEL) Alkane: Straight-Chain7.316 | 250     | J         |        |     | 7.316      |          |
| 000104-76-7                           | 1-Hexanol, 2-ethyl-               | 1100    | J         |        |     | 7.469      |          |
| 000108-67-8                           | Mesitylene                        | 730     | J         |        |     | 7.499      |          |
|                                       | (DEL) Alkane: Straight-Chain7.581 | 290     | J         |        |     | 7.581      |          |
|                                       | (DEL) Alkane: Straight-Chain7.658 | 630     | J         |        |     | 7.658      |          |
| 000496-11-7                           | Indane                            | 630     | J         |        |     | 7.752      |          |

## Report of Analysis

|                    |            |                 |                      |
|--------------------|------------|-----------------|----------------------|
| Client:            |            | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD7      | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-21   | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 21.4                 |
| Sample Wt/Vol:     | 30.1       | Units:          | g                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 500 uL               |
| Extraction Type :  |            | Test:           |                      |
|                    | Decanted : | Level :         | LOW                  |
| Injection Volume : |            | GPC Factor :    |                      |
|                    |            | GPC Cleanup :   | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034361.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number  | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl-    | 620   | J         |     |     | 7.816      |       |
| 000141-93-5 | Benzene, 1,3-diethyl-              | 530   | J         |     |     | 7.875      |       |
| 001074-55-1 | Benzene, 1-methyl-4-propyl-        | 950   | J         |     |     | 7.928      |       |
|             | (DEL) Alkane: Straight-Chain7.981  | 460   | J         |     |     | 7.981      |       |
| 000934-80-5 | Benzene, 4-ethyl-1,2-dimethyl-     | 910   | J         |     |     | 8.022      |       |
|             | (DEL) Alkane: Straight-Chain8.052  | 760   | J         |     |     | 8.052      |       |
|             | (DEL) Alkane: Straight-Chain8.158  | 670   | J         |     |     | 8.158      |       |
| 001074-17-5 | Benzene, 1-methyl-2-propyl-        | 490   | J         |     |     | 8.181      |       |
| 000527-84-4 | o-Cymene                           | 630   | J         |     |     | 8.381      |       |
|             | (DEL) Alkane: Straight-Chain8.622  | 2300  | J         |     |     | 8.622      |       |
|             | unknown-01                         | 790   | J         |     |     | 8.728      |       |
|             | (DEL) Alkane: Straight-Chain9.452  | 93    | J         |     |     | 9.452      |       |
|             | (DEL) Alkane: Straight-Chain11.599 | 120   | J         |     |     | 11.599     |       |
| 000497-62-1 | Bicyclo[4.1.0]heptan-2-one, 3,7,7- | 540   | J         |     |     | 12.604     |       |
| 000575-43-9 | Naphthalene, 1,6-dimethyl-         | 1600  | J         |     |     | 13.193     |       |
| 000581-40-8 | Naphthalene, 2,3-dimethyl-         | 1000  | J         |     |     | 13.351     |       |
| 000571-58-4 | Naphthalene, 1,4-dimethyl-         | 760   | J         |     |     | 13.404     |       |
|             | (DEL) Alkane: Straight-Chain13.551 | 470   | J         |     |     | 13.551     |       |
| 000582-16-1 | Naphthalene, 2,7-dimethyl-         | 510   | J         |     |     | 13.593     |       |
|             | (DEL) Alkane: Straight-Chain13.975 | 870   | J         |     |     | 13.975     |       |
| 000829-26-5 | Naphthalene, 2,3,6-trimethyl-      | 770   | J         |     |     | 14.445     |       |
| 002245-38-7 | Naphthalene, 1,6,7-trimethyl-      | 490   | J         |     |     | 14.528     |       |
|             | (DEL) Alkane: Straight-Chain14.598 | 440   | J         |     |     | 14.598     |       |
|             | (DEL) Alkane: Straight-Chain14.934 | 880   | J         |     |     | 14.934     |       |
|             | unknown-02                         | 680   | J         |     |     | 15.34      |       |
| 000119-61-9 | Benzophenone                       | 640   | J         |     |     | 15.422     |       |
|             | (DEL) Alkane: Straight-Chain15.804 | 1700  | J         |     |     | 15.804     |       |
| 002523-37-7 | 9H-Fluorene, 9-methyl-             | 630   | J         |     |     | 16.157     |       |
|             | (DEL) Alkane: Straight-Chain16.598 | 1200  | J         |     |     | 16.598     |       |
|             | (DEL) Alkane: Straight-Chain16.651 | 580   | J         |     |     | 16.651     |       |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/9/2024 12:00:00 AM        |
| Project:           |                       | Date Received:  | 9/9/2024 12:00:00 AM        |
| Client Sample ID:  | DDCD7                 | SDG No.:        | BN100224                    |
| Lab Sample ID:     | P4017-21              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 21.4                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034361.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number  | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
|             | (DEL) Alkane: Straight-Chain17.334 | 1200  | J         |     |     | 17.334     |       |
| 000112-39-0 | Hexadecanoic acid, methyl ester    | 3200  | J         |     |     | 17.51      |       |
| 000057-10-3 | n-Hexadecanoic acid                | 850   | J         |     |     | 17.734     |       |
|             | (DEL) Alkane: Straight-Chain18.028 | 1100  | J         |     |     | 18.028     |       |
| 001937-63-9 | 11-Octadecenoic acid, methyl ester | 3400  | J         |     |     | 18.692     |       |
| 000112-61-8 | Methyl stearate                    | 1200  | J         |     |     | 18.834     |       |
|             | (DEL) Alkane: Straight-Chain19.263 | 600   | J         |     |     | 19.263     |       |
|             | (DEL) Alkane: Straight-Chain19.804 | 520   | J         |     |     | 19.804     |       |
|             | (DEL) Alkane: Straight-Chain20.304 | 480   | J         |     |     | 20.304     |       |
|             | (DEL) Alkane: Straight-Chain20.775 | 1200  | J         |     |     | 20.775     |       |
|             | (DEL) Alkane: Straight-Chain21.251 | 490   | J         |     |     | 21.251     |       |
| 000112-79-8 | 9-Octadecenoic acid, (E)-          | 450   | J         |     |     | 21.663     |       |
|             | (DEL) Alkane: Straight-Chain21.769 | 1100  | J         |     |     | 21.769     |       |
| E966796     | Total Alkanes                      | 21000 |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |           |                 |                      |
|--------------------|-----------|-----------------|----------------------|
| Client:            |           | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD8     | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-22  | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 17.7                 |
| Sample Wt/Vol:     | 30.1      | Units:          | g                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                  |
|                    |           | Test:           | uL                   |
| Extraction Type :  |           | Decanted :      | Level :              |
|                    |           |                 | LOW                  |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :        |
|                    |           |                 | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034362.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 8    | 81         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 58    | U         | 58  | 99.9 | 400        | ug/Kg |
| 110-86-1       | Pyridine                    | 15    | U         | 15  | 200  | 400        | ug/Kg |
| 108-95-2       | Phenol                      | 54    | U         | 54  | 99.9 | 400        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 42    | U         | 42  | 99.9 | 400        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 27    | U         | 27  | 51.5 | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 47    | U         | 47  | 99.9 | 400        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 35    | U         | 35  | 99.9 | 400        | ug/Kg |
| 98-86-2        | Acetophenone                | 71    | U         | 71  | 99.9 | 400        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 50    | U         | 50  | 99.9 | 400        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 45    | U         | 45  | 51.5 | 210        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 19    | U         | 19  | 51.5 | 210        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 33    | U         | 33  | 51.5 | 210        | ug/Kg |
| 78-59-1        | Isophorone                  | 44    | U         | 44  | 51.5 | 210        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 36    | U         | 36  | 51.5 | 210        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 10    | U         | 10  | 51.5 | 210        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 38    | U         | 38  | 51.5 | 210        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 41    | U         | 41  | 51.5 | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 40    | U         | 40  | 51.5 | 210        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 53    | U         | 53  | 51.5 | 400        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 31    | U         | 31  | 51.5 | 210        | ug/Kg |
| 105-60-2       | Caprolactam                 | 48    | U         | 48  | 99.9 | 400        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 44    | U         | 44  | 51.5 | 210        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 23    | U         | 23  | 51.5 | 210        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 45    | U         | 45  | 51.5 | 210        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 23    | U         | 23  | 99.9 | 400        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 61    | U         | 61  | 51.5 | 210        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 59    | U         | 59  | 51.5 | 210        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                      |
|--------------------|-----------------------|-----------------|----------------------|
| Client:            |                       | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD8                 | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-22              | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 17.7                 |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                      |
| Extraction Type :  | Decanted :            | Level :         | LOW                  |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034362.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 56    | U         | 56  | 51.5 | 210        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 53    | U         | 53  | 51.5 | 210        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 27    | U         | 27  | 51.5 | 210        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 46    | U         | 46  | 51.5 | 210        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 31    | U         | 31  | 51.5 | 210        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 56    | U         | 56  | 51.5 | 210        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 17    | U         | 17  | 99.9 | 400        | ug/Kg |
| 83-32-9    | Acenaphthene               | 61    | U         | 61  | 51.5 | 210        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 39    | U         | 39  | 99.9 | 400        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 13    | U         | 13  | 99.9 | 400        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 48    | U         | 48  | 51.5 | 210        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 16    | U         | 16  | 51.5 | 210        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 50    | U         | 50  | 51.5 | 210        | ug/Kg |
| 86-73-7    | Fluorene                   | 70    | U         | 70  | 51.5 | 210        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 58    | U         | 58  | 51.5 | 210        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 19    | U         | 19  | 99.9 | 400        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 47    | U         | 47  | 99.9 | 400        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 54    | U         | 54  | 51.5 | 210        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 54    | U         | 54  | 51.5 | 210        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 120   | U         | 120 | 51.5 | 210        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 61    | U         | 61  | 51.5 | 210        | ug/Kg |
| 1912-24-9  | Atrazine                   | 13    | U         | 13  | 99.9 | 400        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 3100  |           | 46  | 99.9 | 400        | ug/Kg |
| 85-01-8    | Phenanthrene               | 64    | U         | 64  | 51.5 | 210        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 44    | U         | 44  | 51.5 | 210        | ug/Kg |
| 120-12-7   | Anthracene                 | 57    | U         | 57  | 51.5 | 210        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 6.8   | U         | 6.8 | 51.5 | 210        | ug/Kg |
| 86-74-8    | Carbazole                  | 74    | U         | 74  | 99.9 | 400        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 69    | U         | 69  | 51.5 | 210        | ug/Kg |
| 206-44-0   | Fluoranthene               | 54    | U         | 54  | 99.9 | 210        | ug/Kg |

## Report of Analysis

|                    |           |                 |                      |
|--------------------|-----------|-----------------|----------------------|
| Client:            |           | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD8     | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-22  | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 17.7                 |
| Sample Wt/Vol:     | 30.1      | Units:          | g                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                  |
|                    |           | Test:           |                      |
| Extraction Type :  |           | Level :         | LOW                  |
| Decanted :         |           |                 |                      |
| Injection Volume : |           | GPC Factor :    |                      |
|                    |           | GPC Cleanup :   | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034362.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 56     | U         | 56     | 51.5 | 210        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 52     | U         | 52     | 51.5 | 210        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 30     | U         | 30     | 99.9 | 400        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 47     | U         | 47     | 51.5 | 210        | ug/Kg    |
| 218-01-9          | Chrysene                    | 56     | U         | 56     | 51.5 | 210        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 52     | U         | 52     | 51.5 | 210        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 52     | U         | 52     | 99.9 | 400        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 58     | U         | 58     | 51.5 | 210        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 70     | U         | 70     | 51.5 | 210        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 69     | U         | 69     | 51.5 | 210        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 54     | U         | 54     | 51.5 | 210        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 63     | U         | 63     | 51.5 | 210        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 56     | U         | 56     | 51.5 | 210        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 200    | J         | 63     | 51.5 | 210        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.37   |           | 15-120 |      | 42         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 7.456  | *         | 20-120 |      | 19         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 16.727 |           | 10-130 |      | 42         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 15.835 |           | 10-150 |      | 40         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 18.92  |           | 15-120 |      | 47         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 16.676 |           | 10-140 |      | 42         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 19.911 |           | 10-135 |      | 50         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 21.027 |           | 10-120 |      | 53         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 19.722 |           | 10-140 |      | 49         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 15.286 |           | 1-145  |      | 38         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 20.441 |           | 10-145 |      | 51         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 21.574 |           | 15-120 |      | 54         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 11.655 |           | 10-150 |      | 29         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 21.091 |           | 20-140 |      | 53         | SPK: -40 |

## Report of Analysis

|                    |           |                 |                      |
|--------------------|-----------|-----------------|----------------------|
| Client:            |           | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD8     | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-22  | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 17.7                 |
| Sample Wt/Vol:     | 30.1      | Units:          | g                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                  |
|                    |           | Test:           |                      |
| Extraction Type :  |           | Level :         | LOW                  |
| Injection Volume : |           | Decanted :      |                      |
|                    |           | GPC Factor :    |                      |
|                    |           | GPC Cleanup :   | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034362.D        | 1         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 15.643  |           | 10-130 |     | 39         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 22.182  |           | 10-150 |     | 55         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 21.621  |           | 10-130 |     | 54         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 22.131  |           | 10-140 |     | 55         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 249512  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 962306  | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 559070  | 14.034    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1083722 | 16.798    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1087241 | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1341513 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain       | 7.028   |           |        |     |            |          |
|                                       | unknown-01                         | 83      | J         |        |     | 7.028      |          |
|                                       |                                    | 110     | J         |        |     | 7.622      |          |
| 000873-94-9                           | Cyclohexanone, 3,3,5-trimethyl-    | 270     | J         |        |     | 7.81       |          |
| 000933-48-2                           | Cyclohexanol, 3,3,5-trimethyl-, ci | 82      | J         |        |     | 8.004      |          |
| 000149-57-5                           | Hexanoic acid, 2-ethyl-            | 130     | J         |        |     | 8.687      |          |
| 000119-61-9                           | Benzophenone                       | 640     | J         |        |     | 15.422     |          |
| 000947-19-3                           | Methanone, (1-hydroxycyclohexyl)ph | 110     | J         |        |     | 15.98      |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 150     | J         |        |     | 17.727     |          |
|                                       | (DEL) Alkane: Straight-Chain       | 20.763  |           |        |     | 20.763     |          |
| E966796                               | Total Alkanes                      | 200     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDCA2DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4018-04DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 19.3                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034363.D        | 20        | 9/19/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163513      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 300   | U         | 300  | 160  | 1700       | ug/Kg |
| 100-52-7       | Benzaldehyde                | 1200  | U         | 1200 | 2000 | 8200       | ug/Kg |
| 110-86-1       | Pyridine                    | 300   | U         | 300  | 4100 | 8200       | ug/Kg |
| 108-95-2       | Phenol                      | 1100  | U         | 1100 | 2000 | 8200       | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 870   | U         | 870  | 2000 | 8200       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 550   | U         | 550  | 1100 | 4200       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 970   | U         | 970  | 2000 | 8200       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 720   | U         | 720  | 2000 | 8200       | ug/Kg |
| 98-86-2        | Acetophenone                | 1500  | U         | 1500 | 2000 | 8200       | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 1000  | U         | 1000 | 2000 | 8200       | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 920   | U         | 920  | 1100 | 4200       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 400   | U         | 400  | 1100 | 4200       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 670   | U         | 670  | 1100 | 4200       | ug/Kg |
| 78-59-1        | Isophorone                  | 890   | U         | 890  | 1100 | 4200       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 740   | U         | 740  | 1100 | 4200       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 210   | U         | 210  | 1100 | 4200       | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 770   | U         | 770  | 1100 | 4200       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 840   | U         | 840  | 1100 | 4200       | ug/Kg |
| 91-20-3        | Naphthalene                 | 820   | U         | 820  | 1100 | 4200       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 1100  | U         | 1100 | 1100 | 8200       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 640   | U         | 640  | 1100 | 4200       | ug/Kg |
| 105-60-2       | Caprolactam                 | 990   | U         | 990  | 2000 | 8200       | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 890   | U         | 890  | 1100 | 4200       | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 470   | U         | 470  | 1100 | 4200       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 920   | U         | 920  | 1100 | 4200       | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 470   | U         | 470  | 2000 | 8200       | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1200  | U         | 1200 | 1100 | 4200       | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1200  | U         | 1200 | 1100 | 4200       | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDCA2DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4018-04DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 19.3                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034363.D        | 20        | 9/19/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163513      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1100  | U         | 1100 | 1100 | 4200       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 1100  | U         | 1100 | 1100 | 4200       | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 550   | U         | 550  | 1100 | 4200       | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 940   | U         | 940  | 1100 | 4200       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 640   | U         | 640  | 1100 | 4200       | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1100  | U         | 1100 | 1100 | 4200       | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 350   | U         | 350  | 2000 | 8200       | ug/Kg |
| 83-32-9    | Acenaphthene               | 1200  | U         | 1200 | 1100 | 4200       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 790   | U         | 790  | 2000 | 8200       | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 270   | U         | 270  | 2000 | 8200       | ug/Kg |
| 132-64-9   | Dibenzofuran               | 990   | U         | 990  | 1100 | 4200       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 320   | U         | 320  | 1100 | 4200       | ug/Kg |
| 84-66-2    | Diethylphthalate           | 1000  | U         | 1000 | 1100 | 4200       | ug/Kg |
| 86-73-7    | Fluorene                   | 1400  | U         | 1400 | 1100 | 4200       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1200  | U         | 1200 | 1100 | 4200       | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 400   | U         | 400  | 2000 | 8200       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 970   | U         | 970  | 2000 | 8200       | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1100  | U         | 1100 | 1100 | 4200       | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1100  | U         | 1100 | 1100 | 4200       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 2500  | U         | 2500 | 1100 | 4200       | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1200  | U         | 1200 | 1100 | 4200       | ug/Kg |
| 1912-24-9  | Atrazine                   | 270   | U         | 270  | 2000 | 8200       | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 77000 | D         | 940  | 2000 | 8200       | ug/Kg |
| 85-01-8    | Phenanthrene               | 1300  | U         | 1300 | 1100 | 4200       | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 890   | U         | 890  | 1100 | 4200       | ug/Kg |
| 120-12-7   | Anthracene                 | 1200  | U         | 1200 | 1100 | 4200       | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 140   | U         | 140  | 1100 | 4200       | ug/Kg |
| 86-74-8    | Carbazole                  | 1500  | U         | 1500 | 2000 | 8200       | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1400  | U         | 1400 | 1100 | 4200       | ug/Kg |
| 206-44-0   | Fluoranthene               | 1100  | U         | 1100 | 2000 | 4200       | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDCA2DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4018-04DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 19.3                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034363.D        | 20        | 9/19/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163513      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1100  | U         | 1100   | 1100 | 4200       | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1100  | U         | 1100   | 1100 | 4200       | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 620   | U         | 620    | 2000 | 8200       | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 970   | U         | 970    | 1100 | 4200       | ug/Kg    |
| 218-01-9          | Chrysene                    | 1100  | U         | 1100   | 1100 | 4200       | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1100  | U         | 1100   | 1100 | 4200       | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1100  | U         | 1100   | 2000 | 8200       | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1200  | U         | 1200   | 1100 | 4200       | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1400  | U         | 1400   | 1100 | 4200       | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1400  | U         | 1400   | 1100 | 4200       | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1100  | U         | 1100   | 1100 | 4200       | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1300  | U         | 1300   | 1100 | 4200       | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1100  | U         | 1100   | 1100 | 4200       | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 6100  | D         | 1300   | 1100 | 4200       | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.48  |           | 15-120 |      | 56         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 13.88 |           | 20-120 |      | 35         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 13.54 |           | 10-130 |      | 34         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 18.44 |           | 10-150 |      | 46         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 18.52 |           | 15-120 |      | 46         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 14.34 |           | 10-140 |      | 36         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 16.68 |           | 10-135 |      | 42         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 15.28 |           | 10-120 |      | 38         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 15.28 |           | 10-140 |      | 38         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 11.34 |           | 1-145  |      | 28         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 19.8  |           | 10-145 |      | 49         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 19.9  |           | 15-120 |      | 50         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 0     | U         | 10-150 |      | 0          | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 21.56 |           | 20-140 |      | 54         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDCA2DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4018-04DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 19.3                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034363.D        | 20        | 9/19/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163513      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 6.9     |           | 10-130 |     | 17         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 21.86   |           | 10-150 |     | 55         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 21.72   |           | 10-130 |     | 54         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 20      |           | 10-140 |     | 50         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 215069  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 846726  | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 508495  | 14.034    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1015677 | 16.793    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1024284 | 21.028    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1278059 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain5.446  | 2500    | JD        |        |     | 5.446      |          |
|                                       | (DEL) Alkane: Straight-Chain6.564  | 2600    | JD        |        |     | 6.564      |          |
| 000109-21-7                           | Butanoic acid, butyl ester         | 2500    | JD        |        |     | 6.922      |          |
|                                       | (DEL) Alkane: Straight-Chain7.028  | 8300    | JD        |        |     | 7.028      |          |
| 000104-76-7                           | 1-Hexanol, 2-ethyl-                | 6100    | JD        |        |     | 7.464      |          |
|                                       | (DEL) Alkane: Straight-Chain8.611  | 4900    | JD        |        |     | 8.611      |          |
|                                       | (DEL) Alkane: Straight-Chain13.969 | 7800    | JD        |        |     | 13.969     |          |
| 018052-85-2                           | Silane, trimethyl-2-naphthalenyl-  | 1900    | JD        |        |     | 14.193     |          |
| 002131-42-2                           | Naphthalene, 1,4,6-trimethyl-      | 2200    | JD        |        |     | 14.816     |          |
| 000107-52-8                           | Hexasiloxane, tetradecamethyl-     | 1900    | JD        |        |     | 21.751     |          |
| E966796                               | Total Alkanes                      | 26000   | D         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC20DL    | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-15DL | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1       | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 500                   |
|                    |            |                 | uL                    |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034364.D        | 20        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 290   | U         | 290  | 160  | 1600       | ug/Kg |
| 100-52-7       | Benzaldehyde                | 1200  | U         | 1200 | 2000 | 7900       | ug/Kg |
| 110-86-1       | Pyridine                    | 290   | U         | 290  | 4000 | 7900       | ug/Kg |
| 108-95-2       | Phenol                      | 1100  | U         | 1100 | 2000 | 7900       | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 840   | U         | 840  | 2000 | 7900       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 530   | U         | 530  | 1000 | 4100       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 930   | U         | 930  | 2000 | 7900       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 690   | U         | 690  | 2000 | 7900       | ug/Kg |
| 98-86-2        | Acetophenone                | 1400  | U         | 1400 | 2000 | 7900       | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 980   | U         | 980  | 2000 | 7900       | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 890   | U         | 890  | 1000 | 4100       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 380   | U         | 380  | 1000 | 4100       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 650   | U         | 650  | 1000 | 4100       | ug/Kg |
| 78-59-1        | Isophorone                  | 860   | U         | 860  | 1000 | 4100       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 720   | U         | 720  | 1000 | 4100       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 200   | U         | 200  | 1000 | 4100       | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 740   | U         | 740  | 1000 | 4100       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 810   | U         | 810  | 1000 | 4100       | ug/Kg |
| 91-20-3        | Naphthalene                 | 790   | U         | 790  | 1000 | 4100       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 1100  | U         | 1100 | 1000 | 7900       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 620   | U         | 620  | 1000 | 4100       | ug/Kg |
| 105-60-2       | Caprolactam                 | 960   | U         | 960  | 2000 | 7900       | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 860   | U         | 860  | 1000 | 4100       | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 460   | U         | 460  | 1000 | 4100       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 890   | U         | 890  | 1000 | 4100       | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 460   | U         | 460  | 2000 | 7900       | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1200  | U         | 1200 | 1000 | 4100       | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1200  | U         | 1200 | 1000 | 4100       | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/10/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 9/10/2024 12:00:00 AM       |
| Client Sample ID:  | DDC20DL               | SDG No.:        | BN100224                    |
| Lab Sample ID:     | P4016-15DL            | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 16.8                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034364.D        | 20        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1100  | U         | 1100 | 1000 | 4100       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 1100  | U         | 1100 | 1000 | 4100       | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 530   | U         | 530  | 1000 | 4100       | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 910   | U         | 910  | 1000 | 4100       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 620   | U         | 620  | 1000 | 4100       | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1100  | U         | 1100 | 1000 | 4100       | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 340   | U         | 340  | 2000 | 7900       | ug/Kg |
| 83-32-9    | Acenaphthene               | 1200  | U         | 1200 | 1000 | 4100       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 770   | U         | 770  | 2000 | 7900       | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 260   | U         | 260  | 2000 | 7900       | ug/Kg |
| 132-64-9   | Dibenzofuran               | 960   | U         | 960  | 1000 | 4100       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 310   | U         | 310  | 1000 | 4100       | ug/Kg |
| 84-66-2    | Diethylphthalate           | 980   | U         | 980  | 1000 | 4100       | ug/Kg |
| 86-73-7    | Fluorene                   | 1400  | U         | 1400 | 1000 | 4100       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1200  | U         | 1200 | 1000 | 4100       | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 380   | U         | 380  | 2000 | 7900       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 930   | U         | 930  | 2000 | 7900       | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1100  | U         | 1100 | 1000 | 4100       | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1100  | U         | 1100 | 1000 | 4100       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 2400  | U         | 2400 | 1000 | 4100       | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1200  | U         | 1200 | 1000 | 4100       | ug/Kg |
| 1912-24-9  | Atrazine                   | 260   | U         | 260  | 2000 | 7900       | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 66000 | D         | 910  | 2000 | 7900       | ug/Kg |
| 85-01-8    | Phenanthrene               | 1300  | U         | 1300 | 1000 | 4100       | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 860   | U         | 860  | 1000 | 4100       | ug/Kg |
| 120-12-7   | Anthracene                 | 1100  | U         | 1100 | 1000 | 4100       | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 130   | U         | 130  | 1000 | 4100       | ug/Kg |
| 86-74-8    | Carbazole                  | 1500  | U         | 1500 | 2000 | 7900       | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1400  | U         | 1400 | 1000 | 4100       | ug/Kg |
| 206-44-0   | Fluoranthene               | 1100  | U         | 1100 | 2000 | 4100       | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC20DL    | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-15DL | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1       | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 500                   |
|                    |            | Test:           | uL                    |
| Extraction Type :  |            | Decanted :      | Level :               |
| Injection Volume : |            | GPC Factor :    | LOW                   |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034364.D        | 20        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1100  | U         | 1100   | 1000 | 4100       | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1000  | U         | 1000   | 1000 | 4100       | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 600   | U         | 600    | 2000 | 7900       | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 930   | U         | 930    | 1000 | 4100       | ug/Kg    |
| 218-01-9          | Chrysene                    | 1100  | U         | 1100   | 1000 | 4100       | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1000  | U         | 1000   | 1000 | 4100       | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1000  | U         | 1000   | 2000 | 7900       | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1200  | U         | 1200   | 1000 | 4100       | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1400  | U         | 1400   | 1000 | 4100       | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1400  | U         | 1400   | 1000 | 4100       | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1100  | U         | 1100   | 1000 | 4100       | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1200  | U         | 1200   | 1000 | 4100       | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1100  | U         | 1100   | 1000 | 4100       | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1800  | JD        | 1200   | 1000 | 4100       | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 0     | U         | 15-120 |      | 0          | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 14.22 |           | 20-120 |      | 36         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 12.14 |           | 10-130 |      | 30         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 15.8  |           | 10-150 |      | 40         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 14.96 |           | 15-120 |      | 37         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 9.92  |           | 10-140 |      | 25         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 13.46 |           | 10-135 |      | 34         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 11.14 |           | 10-120 |      | 28         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 11.36 |           | 10-140 |      | 28         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 7.2   |           | 1-145  |      | 18         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 16.92 |           | 10-145 |      | 42         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 16.58 |           | 15-120 |      | 41         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 0     | U         | 10-150 |      | 0          | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 18.4  |           | 20-140 |      | 46         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC20DL            | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-15DL         | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034364.D        | 20        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 8.56    |           | 10-130 |     | 21         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 19.68   |           | 10-150 |     | 49         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 19.14   |           | 10-130 |     | 48         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 17.54   |           | 10-140 |     | 44         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 212106  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 846282  | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 512520  | 14.034    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1059269 | 16.793    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1050512 | 21.028    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1277570 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain  | 13.969  |           |        |     | 13.969     |          |
| E966796                               | Total Alkanes                 | 2100    | D         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC21DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-16DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.9                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034365.D        | 10        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 150   | U         | 150 | 80.4 | 810        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 580   | U         | 580 | 1000 | 4000       | ug/Kg |
| 110-86-1       | Pyridine                    | 150   | U         | 150 | 2000 | 4000       | ug/Kg |
| 108-95-2       | Phenol                      | 550   | U         | 550 | 1000 | 4000       | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 430   | U         | 430 | 1000 | 4000       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 270   | U         | 270 | 520  | 2100       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 480   | U         | 480 | 1000 | 4000       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 350   | U         | 350 | 1000 | 4000       | ug/Kg |
| 98-86-2        | Acetophenone                | 720   | U         | 720 | 1000 | 4000       | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 500   | U         | 500 | 1000 | 4000       | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 450   | U         | 450 | 520  | 2100       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 190   | U         | 190 | 520  | 2100       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 330   | U         | 330 | 520  | 2100       | ug/Kg |
| 78-59-1        | Isophorone                  | 440   | U         | 440 | 520  | 2100       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 370   | U         | 370 | 520  | 2100       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 100   | U         | 100 | 520  | 2100       | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 380   | U         | 380 | 520  | 2100       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 410   | U         | 410 | 520  | 2100       | ug/Kg |
| 91-20-3        | Naphthalene                 | 400   | U         | 400 | 520  | 2100       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 540   | U         | 540 | 520  | 4000       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 320   | U         | 320 | 520  | 2100       | ug/Kg |
| 105-60-2       | Caprolactam                 | 490   | U         | 490 | 1000 | 4000       | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 440   | U         | 440 | 520  | 2100       | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 230   | U         | 230 | 520  | 2100       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 450   | U         | 450 | 520  | 2100       | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 230   | U         | 230 | 1000 | 4000       | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 610   | U         | 610 | 520  | 2100       | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 600   | U         | 600 | 520  | 2100       | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC21DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-16DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.9                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034365.D        | 10        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 560   | U         | 560  | 520  | 2100       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 540   | U         | 540  | 520  | 2100       | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 270   | U         | 270  | 520  | 2100       | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 460   | U         | 460  | 520  | 2100       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 320   | U         | 320  | 520  | 2100       | ug/Kg |
| 208-96-8   | Acenaphthylene             | 560   | U         | 560  | 520  | 2100       | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 170   | U         | 170  | 1000 | 4000       | ug/Kg |
| 83-32-9    | Acenaphthene               | 610   | U         | 610  | 520  | 2100       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 390   | U         | 390  | 1000 | 4000       | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 130   | U         | 130  | 1000 | 4000       | ug/Kg |
| 132-64-9   | Dibenzofuran               | 490   | U         | 490  | 520  | 2100       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 160   | U         | 160  | 520  | 2100       | ug/Kg |
| 84-66-2    | Diethylphthalate           | 500   | U         | 500  | 520  | 2100       | ug/Kg |
| 86-73-7    | Fluorene                   | 710   | U         | 710  | 520  | 2100       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 580   | U         | 580  | 520  | 2100       | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 190   | U         | 190  | 1000 | 4000       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 480   | U         | 480  | 1000 | 4000       | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 550   | U         | 550  | 520  | 2100       | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 550   | U         | 550  | 520  | 2100       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1200  | U         | 1200 | 520  | 2100       | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 610   | U         | 610  | 520  | 2100       | ug/Kg |
| 1912-24-9  | Atrazine                   | 130   | U         | 130  | 1000 | 4000       | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 25000 | D         | 460  | 1000 | 4000       | ug/Kg |
| 85-01-8    | Phenanthrene               | 650   | U         | 650  | 520  | 2100       | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 440   | U         | 440  | 520  | 2100       | ug/Kg |
| 120-12-7   | Anthracene                 | 570   | U         | 570  | 520  | 2100       | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 68    | U         | 68   | 520  | 2100       | ug/Kg |
| 86-74-8    | Carbazole                  | 740   | U         | 740  | 1000 | 4000       | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 690   | U         | 690  | 520  | 2100       | ug/Kg |
| 206-44-0   | Fluoranthene               | 550   | U         | 550  | 1000 | 2100       | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC21DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-16DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.9                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034365.D        | 10        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 560   | U         | 560    | 520  | 2100       | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 520   | U         | 520    | 520  | 2100       | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 300   | U         | 300    | 1000 | 4000       | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 480   | U         | 480    | 520  | 2100       | ug/Kg    |
| 218-01-9          | Chrysene                    | 560   | U         | 560    | 520  | 2100       | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 520   | U         | 520    | 520  | 2100       | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 520   | U         | 520    | 1000 | 4000       | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 580   | U         | 580    | 520  | 2100       | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 710   | U         | 710    | 520  | 2100       | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 690   | U         | 690    | 520  | 2100       | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 550   | U         | 550    | 520  | 2100       | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 630   | U         | 630    | 520  | 2100       | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 560   | U         | 560    | 520  | 2100       | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1900  | JD        | 630    | 520  | 2100       | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.43  |           | 15-120 |      | 55         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 9.1   |           | 20-120 |      | 23         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 13.44 |           | 10-130 |      | 34         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 16.91 |           | 10-150 |      | 42         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 16.82 |           | 15-120 |      | 42         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 12.88 |           | 10-140 |      | 32         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 15.54 |           | 10-135 |      | 39         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 14.11 |           | 10-120 |      | 35         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 14.78 |           | 10-140 |      | 37         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 12.91 |           | 1-145  |      | 32         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 17.98 |           | 10-145 |      | 45         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 18.22 |           | 15-120 |      | 46         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 0     | U         | 10-150 |      | 0          | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 19.51 |           | 20-140 |      | 49         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC21DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-16DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.9                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034365.D        | 10        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 6.9     |           | 10-130 |     | 17         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 19.29   |           | 10-150 |     | 48         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 19.02   |           | 10-130 |     | 48         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 17.63   |           | 10-140 |     | 44         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 242836  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 967342  | 10.139    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 590830  | 14.033    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1229652 | 16.792    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1304745 | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1582363 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain5.451  | 860     | JD        |        |     | 5.451      |          |
|                                       | (DEL) Alkane: Straight-Chain7.028  | 2000    | JD        |        |     | 7.028      |          |
| 000104-76-7                           | 1-Hexanol, 2-ethyl-                | 1200    | JD        |        |     | 7.463      |          |
|                                       | (DEL) Alkane: Straight-Chain8.610  | 1600    | JD        |        |     | 8.61       |          |
| 014679-13-1                           | Benzene, 1,3,5-trimethyl-2-(1-meth | 870     | JD        |        |     | 11.251     |          |
|                                       | (DEL) Alkane: Straight-Chain13.969 | 3600    | JD        |        |     | 13.969     |          |
| 002245-38-7                           | Naphthalene, 1,6,7-trimethyl-      | 960     | JD        |        |     | 14.192     |          |
| 075122-81-5                           | Methyl 2-diethylamino-3-methyl-but | 1300    | JD        |        |     | 14.816     |          |
|                                       | (DEL) Alkane: Straight-Chain14.933 | 850     | JD        |        |     | 14.933     |          |
| E966796                               | Total Alkanes                      | 8900    | D         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC22DL    | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-17DL | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 19.1                  |
| Sample Wt/Vol:     | 30.1       | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 500                   |
|                    |            | Test:           | uL                    |
| Extraction Type :  |            | Decanted :      | Level :               |
|                    |            |                 | LOW                   |
| Injection Volume : |            | GPC Factor :    | GPC Cleanup :         |
|                    |            |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034366.D        | 10        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 150   | U         | 150 | 81.3 | 820        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 590   | U         | 590 | 1000 | 4100       | ug/Kg |
| 110-86-1       | Pyridine                    | 150   | U         | 150 | 2000 | 4100       | ug/Kg |
| 108-95-2       | Phenol                      | 550   | U         | 550 | 1000 | 4100       | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 430   | U         | 430 | 1000 | 4100       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 270   | U         | 270 | 520  | 2100       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 480   | U         | 480 | 1000 | 4100       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 360   | U         | 360 | 1000 | 4100       | ug/Kg |
| 98-86-2        | Acetophenone                | 730   | U         | 730 | 1000 | 4100       | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 510   | U         | 510 | 1000 | 4100       | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 460   | U         | 460 | 520  | 2100       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 200   | U         | 200 | 520  | 2100       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 330   | U         | 330 | 520  | 2100       | ug/Kg |
| 78-59-1        | Isophorone                  | 440   | U         | 440 | 520  | 2100       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 370   | U         | 370 | 520  | 2100       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 100   | U         | 100 | 520  | 2100       | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 380   | U         | 380 | 520  | 2100       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 420   | U         | 420 | 520  | 2100       | ug/Kg |
| 91-20-3        | Naphthalene                 | 410   | U         | 410 | 520  | 2100       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 540   | U         | 540 | 520  | 4100       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 320   | U         | 320 | 520  | 2100       | ug/Kg |
| 105-60-2       | Caprolactam                 | 490   | U         | 490 | 1000 | 4100       | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 440   | U         | 440 | 520  | 2100       | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 230   | U         | 230 | 520  | 2100       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 670   | JD        | 460 | 520  | 2100       | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 230   | U         | 230 | 1000 | 4100       | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 620   | U         | 620 | 520  | 2100       | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 600   | U         | 600 | 520  | 2100       | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC22DL    | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-17DL | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 19.1                  |
| Sample Wt/Vol:     | 30.1       | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 500                   |
|                    |            |                 | uL                    |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034366.D        | 10        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 570   | U         | 570  | 520  | 2100       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 540   | U         | 540  | 520  | 2100       | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 270   | U         | 270  | 520  | 2100       | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 470   | U         | 470  | 520  | 2100       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 320   | U         | 320  | 520  | 2100       | ug/Kg |
| 208-96-8   | Acenaphthylene             | 570   | U         | 570  | 520  | 2100       | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 170   | U         | 170  | 1000 | 4100       | ug/Kg |
| 83-32-9    | Acenaphthene               | 620   | U         | 620  | 520  | 2100       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 390   | U         | 390  | 1000 | 4100       | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 140   | U         | 140  | 1000 | 4100       | ug/Kg |
| 132-64-9   | Dibenzofuran               | 490   | U         | 490  | 520  | 2100       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 160   | U         | 160  | 520  | 2100       | ug/Kg |
| 84-66-2    | Diethylphthalate           | 510   | U         | 510  | 520  | 2100       | ug/Kg |
| 86-73-7    | Fluorene                   | 710   | U         | 710  | 520  | 2100       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 590   | U         | 590  | 520  | 2100       | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 200   | U         | 200  | 1000 | 4100       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 480   | U         | 480  | 1000 | 4100       | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 550   | U         | 550  | 520  | 2100       | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 550   | U         | 550  | 520  | 2100       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1200  | U         | 1200 | 520  | 2100       | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 620   | U         | 620  | 520  | 2100       | ug/Kg |
| 1912-24-9  | Atrazine                   | 140   | U         | 140  | 1000 | 4100       | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 55000 | D         | 470  | 1000 | 4100       | ug/Kg |
| 85-01-8    | Phenanthrene               | 650   | U         | 650  | 520  | 2100       | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 440   | U         | 440  | 520  | 2100       | ug/Kg |
| 120-12-7   | Anthracene                 | 580   | U         | 580  | 520  | 2100       | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 69    | U         | 69   | 520  | 2100       | ug/Kg |
| 86-74-8    | Carbazole                  | 750   | U         | 750  | 1000 | 4100       | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 700   | U         | 700  | 520  | 2100       | ug/Kg |
| 206-44-0   | Fluoranthene               | 550   | U         | 550  | 1000 | 2100       | ug/Kg |

## Report of Analysis

|                    |               |                 |                       |
|--------------------|---------------|-----------------|-----------------------|
| Client:            |               | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |               | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC22DL       | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-17DL    | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC     | % Moisture:     | 19.1                  |
| Sample Wt/Vol:     | 30.1 Units: g | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL            | Test:           |                       |
| Extraction Type :  | Decanted :    | Level :         | LOW                   |
| Injection Volume : | GPC Factor :  | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034366.D        | 10        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 570   | U         | 570    | 520  | 2100       | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 530   | U         | 530    | 520  | 2100       | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 310   | U         | 310    | 1000 | 4100       | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 480   | U         | 480    | 520  | 2100       | ug/Kg    |
| 218-01-9          | Chrysene                    | 570   | U         | 570    | 520  | 2100       | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 530   | U         | 530    | 520  | 2100       | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 530   | U         | 530    | 1000 | 4100       | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 590   | U         | 590    | 520  | 2100       | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 710   | U         | 710    | 520  | 2100       | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 700   | U         | 700    | 520  | 2100       | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 550   | U         | 550    | 520  | 2100       | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 640   | U         | 640    | 520  | 2100       | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 570   | U         | 570    | 520  | 2100       | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 4000  | D         | 640    | 520  | 2100       | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.44  |           | 15-120 |      | 43         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 4.66  | *         | 20-120 |      | 12         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 16.71 |           | 10-130 |      | 42         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 19.1  |           | 10-150 |      | 48         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 20.02 |           | 15-120 |      | 50         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 15.95 |           | 10-140 |      | 40         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 19    |           | 10-135 |      | 47         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 17.33 |           | 10-120 |      | 43         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 19.87 |           | 10-140 |      | 50         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 14.28 |           | 1-145  |      | 36         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 21.86 |           | 10-145 |      | 55         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 22.26 |           | 15-120 |      | 56         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 0     | U         | 10-150 |      | 0          | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 23.75 |           | 20-140 |      | 59         | SPK: -40 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC22DL    | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-17DL | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 19.1                  |
| Sample Wt/Vol:     | 30.1       | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 500                   |
| Extraction Type :  |            | Test:           |                       |
| Decanted :         |            | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034366.D        | 10        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number                            | Parameter                         | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-----------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2     | 10.73   |           | 10-130 |     | 27         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                    | 23.76   |           | 10-150 |     | 59         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                        | 23.59   |           | 10-130 |     | 59         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                | 22.48   |           | 10-140 |     | 56         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                   |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4            | 222226  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                    | 890644  | 10.139    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                  | 542765  | 14.033    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                  | 1106011 | 16.792    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                      | 1141189 | 21.033    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                      | 1340003 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                   |         |           |        |     |            |          |
| 000123-42-2                           | 2-Pentanone, 4-hydroxy-4-methyl-  | 1100    | A         |        |     | 4.581      |          |
|                                       | (DEL) Alkane: Straight-Chain5.451 | 2900    | JD        |        |     | 5.451      |          |
| 000107-41-5                           | Hexylene glycol                   | 1600    | JD        |        |     | 5.757      |          |
|                                       | (DEL) Alkane: Cyclic6.046         | 990     | JD        |        |     | 6.046      |          |
|                                       | (DEL) Alkane: Straight-Chain6.404 | 890     | JD        |        |     | 6.404      |          |
|                                       | (DEL) Alkane: Straight-Chain6.457 | 1100    | JD        |        |     | 6.457      |          |
| 000611-14-3                           | Benzene, 1-ethyl-2-methyl-        | 850     | JD        |        |     | 6.493      |          |
|                                       | (DEL) Alkane: Straight-Chain7.028 | 7400    | JD        |        |     | 7.028      |          |
| 000104-76-7                           | 1-Hexanol, 2-ethyl-               | 5400    | JD        |        |     | 7.463      |          |
|                                       | unknown-01                        | 1100    | JD        |        |     | 7.628      |          |
| 001074-43-7                           | Benzene, 1-methyl-3-propyl-       | 1400    | JD        |        |     | 7.922      |          |
|                                       | (DEL) Alkane: Straight-Chain8.151 | 990     | JD        |        |     | 8.151      |          |
|                                       | (DEL) Alkane: Straight-Chain8.610 | 5600    | JD        |        |     | 8.61       |          |
|                                       | unknown-02                        | 990     | JD        |        |     | 8.716      |          |
| 000144-19-4                           | 1,3-Pentanediol, 2,2,4-trimethyl- | 930     | JD        |        |     | 9.669      |          |
|                                       | unknown-03                        | 960     | JD        |        |     | 10.045     |          |
| 006413-83-8                           | 2,4-Dipropyl-5-ethyl-1,3-dioxane  | 1500    | JD        |        |     | 10.539     |          |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC22DL    | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-17DL | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 19.1                  |
| Sample Wt/Vol:     | 30.1       | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 500                   |
|                    |            | Test:           |                       |
| Extraction Type :  |            | Level :         | LOW                   |
| Decanted :         |            |                 |                       |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034366.D        | 10        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number   | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 1010309-19-2 | Sulfurous acid, 2-ethylhexyl nonyl | 990   | JD        |     |     | 11.186     |       |
| 014679-13-1  | Benzene, 1,3,5-trimethyl-2-(1-meth | 2500  | JD        |     |     | 11.251     |       |
|              | (DEL) Alkane: Straight-Chain11.598 | 1800  | JD        |     |     | 11.598     |       |
|              | (DEL) Alkane: Straight-Chain12.875 | 2100  | JD        |     |     | 12.875     |       |
| 000575-43-9  | Naphthalene, 1,6-dimethyl-         | 890   | JD        |     |     | 13.404     |       |
| 007659-86-1  | 2-Ethylhexyl mercaptoacetate       | 8800  | JD        |     |     | 13.969     |       |
|              | unknown-04                         | 1100  | JD        |     |     | 14.145     |       |
| 022106-37-2  | 4-(1-Pyrrolyl)acetophenone         | 3300  | JD        |     |     | 14.192     |       |
|              | unknown-05                         | 990   | JD        |     |     | 14.275     |       |
| 1000080-19-4 | 1,2,3,4,5,6,7,8-Octahydro-1-methyl | 840   | JD        |     |     | 14.763     |       |
| 065539-79-9  | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d | 3900  | JD        |     |     | 14.816     |       |
|              | (DEL) Alkane: Straight-Chain14.933 | 2500  | JD        |     |     | 14.933     |       |
|              | (DEL) Alkane: Straight-Chain15.345 | 1100  | JD        |     |     | 15.345     |       |
|              | unknown-06                         | 1700  | JD        |     |     | 15.698     |       |
|              | (DEL) Alkane: Straight-Chain15.798 | 1800  | JD        |     |     | 15.798     |       |
|              | (DEL) Alkane: Straight-Chain16.592 | 1300  | JD        |     |     | 16.592     |       |
|              | (DEL) Alkane: Straight-Chain17.333 | 1200  | JD        |     |     | 17.333     |       |
| E966796      | Total Alkanes                      | 32000 | D         |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC23DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-18DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.8                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034367.D        | 10        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 150   | U         | 150 | 80.3 | 810        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 580   | U         | 580 | 1000 | 4000       | ug/Kg |
| 110-86-1       | Pyridine                    | 150   | U         | 150 | 2000 | 4000       | ug/Kg |
| 108-95-2       | Phenol                      | 550   | U         | 550 | 1000 | 4000       | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 430   | U         | 430 | 1000 | 4000       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 270   | U         | 270 | 520  | 2100       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 470   | U         | 470 | 1000 | 4000       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 350   | U         | 350 | 1000 | 4000       | ug/Kg |
| 98-86-2        | Acetophenone                | 720   | U         | 720 | 1000 | 4000       | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 500   | U         | 500 | 1000 | 4000       | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 450   | U         | 450 | 520  | 2100       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 190   | U         | 190 | 520  | 2100       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 330   | U         | 330 | 520  | 2100       | ug/Kg |
| 78-59-1        | Isophorone                  | 440   | U         | 440 | 520  | 2100       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 360   | U         | 360 | 520  | 2100       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 100   | U         | 100 | 520  | 2100       | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 380   | U         | 380 | 520  | 2100       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 410   | U         | 410 | 520  | 2100       | ug/Kg |
| 91-20-3        | Naphthalene                 | 2500  | D         | 400 | 520  | 2100       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 540   | U         | 540 | 520  | 4000       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 320   | U         | 320 | 520  | 2100       | ug/Kg |
| 105-60-2       | Caprolactam                 | 490   | U         | 490 | 1000 | 4000       | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 440   | U         | 440 | 520  | 2100       | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 3200  | D         | 230 | 520  | 2100       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 5600  | D         | 450 | 520  | 2100       | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 230   | U         | 230 | 1000 | 4000       | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 610   | U         | 610 | 520  | 2100       | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 600   | U         | 600 | 520  | 2100       | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC23DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-18DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.8                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034367.D        | 10        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number | Parameter                  | Conc.  | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|--------|-----------|------|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 560    | U         | 560  | 520  | 2100       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 540    | U         | 540  | 520  | 2100       | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 270    | U         | 270  | 520  | 2100       | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 460    | U         | 460  | 520  | 2100       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 320    | U         | 320  | 520  | 2100       | ug/Kg |
| 208-96-8   | Acenaphthylene             | 560    | U         | 560  | 520  | 2100       | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 170    | U         | 170  | 1000 | 4000       | ug/Kg |
| 83-32-9    | Acenaphthene               | 610    | U         | 610  | 520  | 2100       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 390    | U         | 390  | 1000 | 4000       | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 130    | U         | 130  | 1000 | 4000       | ug/Kg |
| 132-64-9   | Dibenzofuran               | 490    | U         | 490  | 520  | 2100       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 160    | U         | 160  | 520  | 2100       | ug/Kg |
| 84-66-2    | Diethylphthalate           | 500    | U         | 500  | 520  | 2100       | ug/Kg |
| 86-73-7    | Fluorene                   | 710    | U         | 710  | 520  | 2100       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 580    | U         | 580  | 520  | 2100       | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 190    | U         | 190  | 1000 | 4000       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 470    | U         | 470  | 1000 | 4000       | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 550    | U         | 550  | 520  | 2100       | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 550    | U         | 550  | 520  | 2100       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1200   | U         | 1200 | 520  | 2100       | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 610    | U         | 610  | 520  | 2100       | ug/Kg |
| 1912-24-9  | Atrazine                   | 130    | U         | 130  | 1000 | 4000       | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 260000 | ED        | 460  | 1000 | 4000       | ug/Kg |
| 85-01-8    | Phenanthrene               | 1000   | JD        | 640  | 520  | 2100       | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 440    | U         | 440  | 520  | 2100       | ug/Kg |
| 120-12-7   | Anthracene                 | 570    | U         | 570  | 520  | 2100       | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 68     | U         | 68   | 520  | 2100       | ug/Kg |
| 86-74-8    | Carbazole                  | 740    | U         | 740  | 1000 | 4000       | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 690    | U         | 690  | 520  | 2100       | ug/Kg |
| 206-44-0   | Fluoranthene               | 550    | U         | 550  | 1000 | 2100       | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC23DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-18DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.8                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034367.D        | 10        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 560   | U         | 560    | 520  | 2100       | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 520   | U         | 520    | 520  | 2100       | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 300   | U         | 300    | 1000 | 4000       | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 470   | U         | 470    | 520  | 2100       | ug/Kg    |
| 218-01-9          | Chrysene                    | 560   | U         | 560    | 520  | 2100       | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 520   | U         | 520    | 520  | 2100       | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 520   | U         | 520    | 1000 | 4000       | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 580   | U         | 580    | 520  | 2100       | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 710   | U         | 710    | 520  | 2100       | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 690   | U         | 690    | 520  | 2100       | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 550   | U         | 550    | 520  | 2100       | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 630   | U         | 630    | 520  | 2100       | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 560   | U         | 560    | 520  | 2100       | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 25000 | D         | 630    | 520  | 2100       | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.64  |           | 15-120 |      | 70         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 16.65 |           | 20-120 |      | 42         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 27.45 |           | 10-130 |      | 69         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 32.85 |           | 10-150 |      | 82         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 27.44 |           | 15-120 |      | 69         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 22.26 |           | 10-140 |      | 56         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 29.7  |           | 10-135 |      | 74         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 28.93 |           | 10-120 |      | 72         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.81 |           | 10-140 |      | 72         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 22.63 |           | 1-145  |      | 57         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 28.66 |           | 10-145 |      | 72         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 29.6  |           | 15-120 |      | 74         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 21.19 |           | 10-150 |      | 53         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 32    |           | 20-140 |      | 80         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC23DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-18DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.8                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034367.D        | 10        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number                            | Parameter                         | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-----------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2     | 15.3    |           | 10-130 |     | 38         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                    | 30.62   |           | 10-150 |     | 77         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                        | 31.11   |           | 10-130 |     | 78         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                | 29.46   |           | 10-140 |     | 74         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                   |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4            | 226278  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                    | 873186  | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                  | 553932  | 14.034    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                  | 1160162 | 16.798    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                      | 1119705 | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                      | 1399862 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                   |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain5.452 | 9700    | JD        |        |     | 5.452      |          |
|                                       | (DEL) Alkane: Straight-Chain5.699 | 2100    | JD        |        |     | 5.699      |          |
| 000107-41-5                           | Hexylene glycol                   | 4000    | JD        |        |     | 5.763      |          |
|                                       | (DEL) Alkane: Straight-Chain5.905 | 2600    | JD        |        |     | 5.905      |          |
|                                       | (DEL) Alkane: Straight-Chain5.975 | 3200    | JD        |        |     | 5.975      |          |
| 013395-76-1                           | Cyclohexanone, 2,3-dimethyl-      | 3300    | JD        |        |     | 6.046      |          |
|                                       | (DEL) Alkane: Straight-Chain6.081 | 2000    | JD        |        |     | 6.081      |          |
|                                       | (DEL) Alkane: Straight-Chain6.310 | 2300    | JD        |        |     | 6.31       |          |
|                                       | (DEL) Alkane: Straight-Chain6.375 | 2800    | JD        |        |     | 6.375      |          |
|                                       | (DEL) Alkane: Straight-Chain6.405 | 3900    | JD        |        |     | 6.405      |          |
|                                       | (DEL) Alkane: Straight-Chain6.463 | 5000    | JD        |        |     | 6.463      |          |
| 000611-14-3                           | Benzene, 1-ethyl-2-methyl-        | 3600    | JD        |        |     | 6.493      |          |
| 019549-80-5                           | 2-Heptanone, 4,6-dimethyl-        | 3700    | JD        |        |     | 6.834      |          |
|                                       | (DEL) Alkane: Straight-Chain7.034 | 31000   | JD        |        |     | 7.034      |          |
| 000104-76-7                           | 1-Hexanol, 2-ethyl-               | 7000    | JD        |        |     | 7.463      |          |
| 000108-67-8                           | Mesitylene                        | 2700    | JD        |        |     | 7.499      |          |
|                                       | (DEL) Alkane: Cyclic7.663         | 5000    | JD        |        |     | 7.663      |          |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC23DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-18DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.8                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034367.D        | 10        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number   | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 000141-93-5  | Benzene, 1,3-diethyl-              | 2600  | JD        |     |     | 7.869      |       |
| 001074-43-7  | Benzene, 1-methyl-3-propyl-        | 7300  | JD        |     |     | 7.922      |       |
|              | (DEL) Alkane: Straight-Chain7.981  | 3500  | JD        |     |     | 7.981      |       |
| 000934-80-5  | Benzene, 4-ethyl-1,2-dimethyl-     | 4200  | JD        |     |     | 8.022      |       |
|              | (DEL) Alkane: Straight-Chain8.152  | 5600  | JD        |     |     | 8.152      |       |
| 001758-88-9  | Benzene, 2-ethyl-1,4-dimethyl-     | 2900  | JD        |     |     | 8.328      |       |
| 000527-84-4  | o-Cymene                           | 3200  | JD        |     |     | 8.375      |       |
|              | (DEL) Alkane: Straight-Chain8.616  | 23000 | JD        |     |     | 8.616      |       |
|              | unknown-01                         | 6500  | JD        |     |     | 8.722      |       |
|              | (DEL) Alkane: Straight-Chain9.169  | 940   | JD        |     |     | 9.169      |       |
|              | (DEL) Alkane: Straight-Chain9.451  | 1700  | JD        |     |     | 9.451      |       |
|              | (DEL) Alkane: Straight-Chain9.516  | 930   | JD        |     |     | 9.516      |       |
|              | (DEL) Alkane: Straight-Chain9.598  | 860   | JD        |     |     | 9.598      |       |
| 006413-83-8  | 2,4-Dipropyl-5-ethyl-1,3-dioxane   | 3900  | JD        |     |     | 10.54      |       |
| 000590-67-0  | Cyclohexanol, 1-methyl-            | 2400  | JD        |     |     | 11.193     |       |
|              | (DEL) Alkane: Straight-Chain11.598 | 3400  | JD        |     |     | 11.598     |       |
|              | (DEL) Alkane: Cyclic11.634         | 1700  | JD        |     |     | 11.634     |       |
|              | unknown-02                         | 3200  | JD        |     |     | 12.263     |       |
|              | (DEL) Alkane: Straight-Chain12.363 | 2600  | JD        |     |     | 12.363     |       |
|              | (DEL) Alkane: Straight-Chain12.440 | 2600  | JD        |     |     | 12.44      |       |
|              | (DEL) Alkane: Straight-Chain12.581 | 4000  | JD        |     |     | 12.581     |       |
|              | unknown-03                         | 2500  | JD        |     |     | 12.792     |       |
| 000582-16-1  | Naphthalene, 2,7-dimethyl-         | 5800  | JD        |     |     | 13.192     |       |
| 000581-40-8  | Naphthalene, 2,3-dimethyl-         | 3900  | JD        |     |     | 13.351     |       |
| 000575-43-9  | Naphthalene, 1,6-dimethyl-         | 5100  | JD        |     |     | 13.404     |       |
|              | (DEL) Alkane: Straight-Chain13.551 | 5800  | JD        |     |     | 13.551     |       |
| 1000309-19-3 | Sulfurous acid, decyl 2-ethylhexyl | 18000 | JD        |     |     | 13.975     |       |
|              | unknown-04                         | 3800  | JD        |     |     | 14.145     |       |
| 022106-37-2  | 4-(1-Pyrrolyl)acetophenone         | 7500  | JD        |     |     | 14.198     |       |
| 000941-81-1  | 4,6,8-Trimethylazulene             | 2900  | JD        |     |     | 14.439     |       |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC23DL             | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-18DL          | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC           | % Moisture:     | 17.8                  |
| Sample Wt/Vol:     | 30      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                  | Test:           |                       |
| Extraction Type :  | Decanted :          | Level :         | LOW                   |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034367.D        | 10        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number  | Parameter                          | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|------------------------------------|--------|-----------|-----|-----|------------|-------|
| 000829-26-5 | Naphthalene, 2,3,6-trimethyl-      | 2300   | JD        |     |     | 14.528     |       |
|             | (DEL) Alkane: Straight-Chain14.598 | 3300   | JD        |     |     | 14.598     |       |
| 065539-79-9 | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d | 9100   | JD        |     |     | 14.816     |       |
|             | (DEL) Alkane: Straight-Chain14.934 | 11000  | JD        |     |     | 14.934     |       |
|             | (DEL) Alkane: Straight-Chain15.345 | 5100   | JD        |     |     | 15.345     |       |
|             | unknown-05                         | 2300   | JD        |     |     | 15.428     |       |
|             | unknown-06                         | 4400   | JD        |     |     | 15.698     |       |
|             | (DEL) Alkane: Straight-Chain15.804 | 11000  | JD        |     |     | 15.804     |       |
| 019680-00-3 | Tetrahydro[2,2]bifuranyl-5-one     | 2400   | JD        |     |     | 15.975     |       |
|             | unknown-07                         | 3000   | JD        |     |     | 16.151     |       |
|             | (DEL) Alkane: Straight-Chain16.592 | 7800   | JD        |     |     | 16.592     |       |
|             | (DEL) Alkane: Straight-Chain16.645 | 4900   | JD        |     |     | 16.645     |       |
|             | (DEL) Alkane: Straight-Chain17.333 | 6800   | JD        |     |     | 17.333     |       |
| 000112-39-0 | Hexadecanoic acid, methyl ester    | 5400   | JD        |     |     | 17.51      |       |
|             | (DEL) Alkane: Straight-Chain18.028 | 5200   | JD        |     |     | 18.028     |       |
|             | (DEL) Alkane: Straight-Chain18.674 | 5600   | JD        |     |     | 18.674     |       |
|             | (DEL) Alkane: Straight-Chain19.263 | 2400   | JD        |     |     | 19.263     |       |
|             | (DEL) Alkane: Straight-Chain19.798 | 2700   | JD        |     |     | 19.798     |       |
|             | (DEL) Alkane: Straight-Chain20.774 | 4400   | JD        |     |     | 20.774     |       |
|             | (DEL) Alkane: Straight-Chain21.774 | 2700   | JD        |     |     | 21.774     |       |
| E966796     | Total Alkanes                      | 200000 | D         |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC24DL    | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-21DL | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1       | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 500                   |
|                    |            |                 | uL                    |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034368.D        | 10        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 140   | U         | 140 | 79.1 | 800        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 580   | U         | 580 | 990  | 4000       | ug/Kg |
| 110-86-1       | Pyridine                    | 140   | U         | 140 | 2000 | 4000       | ug/Kg |
| 108-95-2       | Phenol                      | 540   | U         | 540 | 990  | 4000       | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 420   | U         | 420 | 990  | 4000       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 260   | U         | 260 | 510  | 2000       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 470   | U         | 470 | 990  | 4000       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 350   | U         | 350 | 990  | 4000       | ug/Kg |
| 98-86-2        | Acetophenone                | 710   | U         | 710 | 990  | 4000       | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 490   | U         | 490 | 990  | 4000       | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 440   | U         | 440 | 510  | 2000       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 190   | U         | 190 | 510  | 2000       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 320   | U         | 320 | 510  | 2000       | ug/Kg |
| 78-59-1        | Isophorone                  | 430   | U         | 430 | 510  | 2000       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 360   | U         | 360 | 510  | 2000       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 100   | U         | 100 | 510  | 2000       | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 370   | U         | 370 | 510  | 2000       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 410   | U         | 410 | 510  | 2000       | ug/Kg |
| 91-20-3        | Naphthalene                 | 850   | JD        | 400 | 510  | 2000       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 530   | U         | 530 | 510  | 4000       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 310   | U         | 310 | 510  | 2000       | ug/Kg |
| 105-60-2       | Caprolactam                 | 480   | U         | 480 | 990  | 4000       | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 430   | U         | 430 | 510  | 2000       | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 1400  | JD        | 230 | 510  | 2000       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 2400  | D         | 440 | 510  | 2000       | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 230   | U         | 230 | 990  | 4000       | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 600   | U         | 600 | 510  | 2000       | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 590   | U         | 590 | 510  | 2000       | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/10/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 9/10/2024 12:00:00 AM       |
| Client Sample ID:  | DDC24DL               | SDG No.:        | BN100224                    |
| Lab Sample ID:     | P4016-21DL            | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 16.8                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034368.D        | 10        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 550   | U         | 550  | 510 | 2000       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 530   | U         | 530  | 510 | 2000       | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 260   | U         | 260  | 510 | 2000       | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 460   | U         | 460  | 510 | 2000       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 310   | U         | 310  | 510 | 2000       | ug/Kg |
| 208-96-8   | Acenaphthylene             | 550   | U         | 550  | 510 | 2000       | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 170   | U         | 170  | 990 | 4000       | ug/Kg |
| 83-32-9    | Acenaphthene               | 600   | U         | 600  | 510 | 2000       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 380   | U         | 380  | 990 | 4000       | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 130   | U         | 130  | 990 | 4000       | ug/Kg |
| 132-64-9   | Dibenzofuran               | 480   | U         | 480  | 510 | 2000       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 160   | U         | 160  | 510 | 2000       | ug/Kg |
| 84-66-2    | Diethylphthalate           | 490   | U         | 490  | 510 | 2000       | ug/Kg |
| 86-73-7    | Fluorene                   | 690   | U         | 690  | 510 | 2000       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 580   | U         | 580  | 510 | 2000       | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 190   | U         | 190  | 990 | 4000       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 470   | U         | 470  | 990 | 4000       | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 540   | U         | 540  | 510 | 2000       | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 540   | U         | 540  | 510 | 2000       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1200  | U         | 1200 | 510 | 2000       | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 600   | U         | 600  | 510 | 2000       | ug/Kg |
| 1912-24-9  | Atrazine                   | 130   | U         | 130  | 990 | 4000       | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 81000 | ED        | 460  | 990 | 4000       | ug/Kg |
| 85-01-8    | Phenanthrene               | 630   | U         | 630  | 510 | 2000       | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 430   | U         | 430  | 510 | 2000       | ug/Kg |
| 120-12-7   | Anthracene                 | 560   | U         | 560  | 510 | 2000       | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 67    | U         | 67   | 510 | 2000       | ug/Kg |
| 86-74-8    | Carbazole                  | 730   | U         | 730  | 990 | 4000       | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 680   | U         | 680  | 510 | 2000       | ug/Kg |
| 206-44-0   | Fluoranthene               | 540   | U         | 540  | 990 | 2000       | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC24DL               | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-21DL            | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034368.D        | 10        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 550   | U         | 550    | 510 | 2000       | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 520   | U         | 520    | 510 | 2000       | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 300   | U         | 300    | 990 | 4000       | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 470   | U         | 470    | 510 | 2000       | ug/Kg    |
| 218-01-9          | Chrysene                    | 550   | U         | 550    | 510 | 2000       | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 520   | U         | 520    | 510 | 2000       | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 520   | U         | 520    | 990 | 4000       | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 580   | U         | 580    | 510 | 2000       | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 690   | U         | 690    | 510 | 2000       | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 680   | U         | 680    | 510 | 2000       | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 540   | U         | 540    | 510 | 2000       | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 620   | U         | 620    | 510 | 2000       | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 550   | U         | 550    | 510 | 2000       | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 5400  | D         | 620    | 510 | 2000       | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.07  |           | 15-120 |     | 51         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 12.59 |           | 20-120 |     | 31         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 17.43 |           | 10-130 |     | 44         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 20.08 |           | 10-150 |     | 50         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 18.64 |           | 15-120 |     | 47         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 15.2  |           | 10-140 |     | 38         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 17.88 |           | 10-135 |     | 45         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 15.45 |           | 10-120 |     | 39         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 17.02 |           | 10-140 |     | 43         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 8.98  |           | 1-145  |     | 22         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 18.59 |           | 10-145 |     | 46         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 19.04 |           | 15-120 |     | 48         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 7.52  |           | 10-150 |     | 19         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 20.34 |           | 20-140 |     | 51         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC24DL            | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-21DL         | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034368.D        | 10        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number                            | Parameter                         | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-----------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2     | 10.82   |           | 10-130 |     | 27         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                    | 20.27   |           | 10-150 |     | 51         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                        | 19.36   |           | 10-130 |     | 48         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                | 18.2    |           | 10-140 |     | 46         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                   |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4            | 217344  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                    | 900127  | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                  | 574842  | 14.034    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                  | 1202954 | 16.798    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                      | 1242952 | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                      | 1561467 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                   |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain5.452 | 6100    | JD        |        |     | 5.452      |          |
|                                       | (DEL) Alkane: Cyclic5.699         | 1400    | JD        |        |     | 5.699      |          |
|                                       | unknown-01                        | 1400    | JD        |        |     | 5.905      |          |
|                                       | (DEL) Alkane: Straight-Chain5.975 | 2200    | JD        |        |     | 5.975      |          |
| 013395-76-1                           | Cyclohexanone, 2,3-dimethyl-      | 2200    | JD        |        |     | 6.046      |          |
|                                       | (DEL) Alkane: Straight-Chain6.311 | 1500    | JD        |        |     | 6.311      |          |
|                                       | (DEL) Alkane: Straight-Chain6.369 | 1500    | JD        |        |     | 6.369      |          |
|                                       | (DEL) Alkane: Straight-Chain6.405 | 2800    | JD        |        |     | 6.405      |          |
|                                       | (DEL) Alkane: Straight-Chain6.458 | 3400    | JD        |        |     | 6.458      |          |
| 000620-14-4                           | Benzene, 1-ethyl-3-methyl-        | 2200    | JD        |        |     | 6.493      |          |
| 019549-80-5                           | 2-Heptanone, 4,6-dimethyl-        | 1600    | JD        |        |     | 6.834      |          |
|                                       | (DEL) Alkane: Straight-Chain7.028 | 22000   | JD        |        |     | 7.028      |          |
| 1010309-37-4                          | Oxalic acid, isobutyl nonyl ester | 2300    | JD        |        |     | 7.463      |          |
| 000108-67-8                           | Mesitylene                        | 2400    | JD        |        |     | 7.493      |          |
|                                       | (DEL) Alkane: Cyclic7.663         | 3400    | JD        |        |     | 7.663      |          |
|                                       | unknown-02                        | 4900    | JD        |        |     | 7.922      |          |
|                                       | (DEL) Alkane: Straight-Chain7.975 | 2400    | JD        |        |     | 7.975      |          |

## Report of Analysis

|                    |               |                 |                       |
|--------------------|---------------|-----------------|-----------------------|
| Client:            |               | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |               | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC24DL       | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-21DL    | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC     | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1 Units: g | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL            | Test:           |                       |
| Extraction Type :  | Decanted :    | Level :         | LOW                   |
| Injection Volume : | GPC Factor :  | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034368.D        | 10        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number   | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 001758-88-9  | Benzene, 2-ethyl-1,4-dimethyl-     | 2800  | JD        |     |     | 8.016      |       |
|              | (DEL) Alkane: Straight-Chain8.046  | 4400  | JD        |     |     | 8.046      |       |
|              | (DEL) Alkane: Straight-Chain8.152  | 3400  | JD        |     |     | 8.152      |       |
| 000527-84-4  | o-Cymene                           | 2000  | JD        |     |     | 8.328      |       |
| 000535-77-3  | Benzene, 1-methyl-3-(1-methylethyl | 2300  | JD        |     |     | 8.375      |       |
| 000099-87-6  | p-Cymene                           | 4900  | JD        |     |     | 8.475      |       |
|              | (DEL) Alkane: Straight-Chain8.610  | 16000 | JD        |     |     | 8.61       |       |
|              | unknown-03                         | 4200  | JD        |     |     | 8.722      |       |
|              | (DEL) Alkane: Straight-Chain9.452  | 1300  | JD        |     |     | 9.452      |       |
| 019594-40-2  | Heptyl isobutyl ketone             | 1500  | JD        |     |     | 10.281     |       |
|              | unknown-04                         | 2700  | JD        |     |     | 10.54      |       |
| 1000447-36-4 | 2-Propyl-1-pentanol, 2-methylpropi | 1500  | JD        |     |     | 10.669     |       |
|              | unknown-05                         | 1900  | JD        |     |     | 11.187     |       |
|              | unknown-06                         | 1400  | JD        |     |     | 11.428     |       |
|              | (DEL) Alkane: Straight-Chain11.599 | 2700  | JD        |     |     | 11.599     |       |
|              | (DEL) Alkane: Straight-Chain12.257 | 1300  | JD        |     |     | 12.257     |       |
|              | (DEL) Alkane: Straight-Chain12.434 | 1100  | JD        |     |     | 12.434     |       |
|              | (DEL) Alkane: Straight-Chain12.581 | 1900  | JD        |     |     | 12.581     |       |
|              | (DEL) Alkane: Straight-Chain12.875 | 5500  | JD        |     |     | 12.875     |       |
| 000581-42-0  | Naphthalene, 2,6-dimethyl-         | 2900  | JD        |     |     | 13.193     |       |
| 000581-40-8  | Naphthalene, 2,3-dimethyl-         | 2000  | JD        |     |     | 13.351     |       |
| 000575-41-7  | Naphthalene, 1,3-dimethyl-         | 2300  | JD        |     |     | 13.404     |       |
|              | (DEL) Alkane: Straight-Chain13.546 | 3100  | JD        |     |     | 13.546     |       |
| 1000309-19-3 | Sulfurous acid, decyl 2-ethylhexyl | 7400  | JD        |     |     | 13.969     |       |
|              | unknown-07                         | 1700  | JD        |     |     | 14.145     |       |
| 1000271-83-0 | Cyclopropane, 1-methoxy-2,2-dimeth | 2900  | JD        |     |     | 14.193     |       |
| 000829-26-5  | Naphthalene, 2,3,6-trimethyl-      | 1800  | JD        |     |     | 14.275     |       |
|              | (DEL) Alkane: Straight-Chain14.592 | 1500  | JD        |     |     | 14.592     |       |
| 065539-79-9  | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d | 3700  | JD        |     |     | 14.816     |       |
|              | (DEL) Alkane: Straight-Chain14.934 | 5000  | JD        |     |     | 14.934     |       |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/10/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 9/10/2024 12:00:00 AM       |
| Client Sample ID:  | DDC24DL               | SDG No.:        | BN100224                    |
| Lab Sample ID:     | P4016-21DL            | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 16.8                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034368.D        | 10        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number   | Parameter                          | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|--------|-----------|-----|-----|------------|-------|
| 1010104-10-8 | 3-Methyl-4-(methoxycarbonyl)hexa-2 | 2600   | JD        |     |     | 15.339     |       |
|              | unknown-08                         | 1400   | JD        |     |     | 15.698     |       |
|              | (DEL) Alkane: Straight-Chain15.798 | 4700   | JD        |     |     | 15.798     |       |
|              | (DEL) Alkane: Straight-Chain16.592 | 3600   | JD        |     |     | 16.592     |       |
|              | (DEL) Alkane: Straight-Chain16.645 | 2000   | JD        |     |     | 16.645     |       |
|              | (DEL) Alkane: Straight-Chain17.334 | 3100   | JD        |     |     | 17.334     |       |
| 000112-39-0  | Hexadecanoic acid, methyl ester    | 2500   | JD        |     |     | 17.51      |       |
|              | (DEL) Alkane: Straight-Chain18.028 | 2300   | JD        |     |     | 18.028     |       |
|              | (DEL) Alkane: Straight-Chain18.675 | 2200   | JD        |     |     | 18.675     |       |
| 001937-63-9  | 11-Octadecenoic acid, methyl ester | 1600   | JD        |     |     | 18.692     |       |
|              | (DEL) Alkane: Straight-Chain19.263 | 1000   | JD        |     |     | 19.263     |       |
|              | (DEL) Alkane: Straight-Chain19.798 | 1000   | JD        |     |     | 19.798     |       |
| 1000383-13-6 | Carbonic acid, 2-ethylhexyl nonyl  | 1800   | JD        |     |     | 20.775     |       |
|              | (DEL) Alkane: Straight-Chain21.774 | 1100   | JD        |     |     | 21.774     |       |
| E966796      | Total Alkanes                      | 110000 | D         |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC24DL2     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-21DL2  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1         | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 500                   |
|                    |              |                 | uL                    |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Cleanup :   | PH :                  |
|                    | GPC Factor : |                 |                       |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034369.D        | 30        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 430   | U         | 430  | 240  | 2400       | ug/Kg |
| 100-52-7       | Benzaldehyde                | 1700  | U         | 1700 | 3000 | 12000      | ug/Kg |
| 110-86-1       | Pyridine                    | 430   | U         | 430  | 5900 | 12000      | ug/Kg |
| 108-95-2       | Phenol                      | 1600  | U         | 1600 | 3000 | 12000      | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1300  | U         | 1300 | 3000 | 12000      | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 790   | U         | 790  | 1500 | 6100       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1400  | U         | 1400 | 3000 | 12000      | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1000  | U         | 1000 | 3000 | 12000      | ug/Kg |
| 98-86-2        | Acetophenone                | 2100  | U         | 2100 | 3000 | 12000      | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 1500  | U         | 1500 | 3000 | 12000      | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1300  | U         | 1300 | 1500 | 6100       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 580   | U         | 580  | 1500 | 6100       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 970   | U         | 970  | 1500 | 6100       | ug/Kg |
| 78-59-1        | Isophorone                  | 1300  | U         | 1300 | 1500 | 6100       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1100  | U         | 1100 | 1500 | 6100       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 310   | U         | 310  | 1500 | 6100       | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1100  | U         | 1100 | 1500 | 6100       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1200  | U         | 1200 | 1500 | 6100       | ug/Kg |
| 91-20-3        | Naphthalene                 | 1200  | U         | 1200 | 1500 | 6100       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 1600  | U         | 1600 | 1500 | 12000      | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 930   | U         | 930  | 1500 | 6100       | ug/Kg |
| 105-60-2       | Caprolactam                 | 1400  | U         | 1400 | 3000 | 12000      | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1300  | U         | 1300 | 1500 | 6100       | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 1400  | JD        | 680  | 1500 | 6100       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 2300  | JD        | 1300 | 1500 | 6100       | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 680   | U         | 680  | 3000 | 12000      | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1800  | U         | 1800 | 1500 | 6100       | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1800  | U         | 1800 | 1500 | 6100       | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/10/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 9/10/2024 12:00:00 AM       |
| Client Sample ID:  | DDC24DL2              | SDG No.:        | BN100224                    |
| Lab Sample ID:     | P4016-21DL2           | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 16.8                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034369.D        | 30        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1700  | U         | 1700 | 1500 | 6100       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 1600  | U         | 1600 | 1500 | 6100       | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 790   | U         | 790  | 1500 | 6100       | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 1400  | U         | 1400 | 1500 | 6100       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 930   | U         | 930  | 1500 | 6100       | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1700  | U         | 1700 | 1500 | 6100       | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 500   | U         | 500  | 3000 | 12000      | ug/Kg |
| 83-32-9    | Acenaphthene               | 1800  | U         | 1800 | 1500 | 6100       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 1200  | U         | 1200 | 3000 | 12000      | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 400   | U         | 400  | 3000 | 12000      | ug/Kg |
| 132-64-9   | Dibenzofuran               | 1400  | U         | 1400 | 1500 | 6100       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 470   | U         | 470  | 1500 | 6100       | ug/Kg |
| 84-66-2    | Diethylphthalate           | 1500  | U         | 1500 | 1500 | 6100       | ug/Kg |
| 86-73-7    | Fluorene                   | 2100  | U         | 2100 | 1500 | 6100       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1700  | U         | 1700 | 1500 | 6100       | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 580   | U         | 580  | 3000 | 12000      | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1400  | U         | 1400 | 3000 | 12000      | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1600  | U         | 1600 | 1500 | 6100       | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1600  | U         | 1600 | 1500 | 6100       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 3600  | U         | 3600 | 1500 | 6100       | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1800  | U         | 1800 | 1500 | 6100       | ug/Kg |
| 1912-24-9  | Atrazine                   | 400   | U         | 400  | 3000 | 12000      | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 86000 | D         | 1400 | 3000 | 12000      | ug/Kg |
| 85-01-8    | Phenanthrene               | 1900  | U         | 1900 | 1500 | 6100       | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 1300  | U         | 1300 | 1500 | 6100       | ug/Kg |
| 120-12-7   | Anthracene                 | 1700  | U         | 1700 | 1500 | 6100       | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 200   | U         | 200  | 1500 | 6100       | ug/Kg |
| 86-74-8    | Carbazole                  | 2200  | U         | 2200 | 3000 | 12000      | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 2000  | U         | 2000 | 1500 | 6100       | ug/Kg |
| 206-44-0   | Fluoranthene               | 1600  | U         | 1600 | 3000 | 6100       | ug/Kg |

## Report of Analysis

|                    |             |                 |                       |
|--------------------|-------------|-----------------|-----------------------|
| Client:            |             | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |             | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC24DL2    | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-21DL2 | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC   | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1        | Units:          | g                     |
| Soil Aliquot Vol:  |             | Final Vol:      | 500                   |
|                    |             | Test:           |                       |
| Extraction Type :  |             | Decanted :      | Level :               |
| Injection Volume : |             | GPC Factor :    | LOW                   |
|                    |             | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034369.D        | 30        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1700  | U         | 1700   | 1500 | 6100       | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1500  | U         | 1500   | 1500 | 6100       | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 900   | U         | 900    | 3000 | 12000      | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1400  | U         | 1400   | 1500 | 6100       | ug/Kg    |
| 218-01-9          | Chrysene                    | 1700  | U         | 1700   | 1500 | 6100       | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1500  | U         | 1500   | 1500 | 6100       | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1500  | U         | 1500   | 3000 | 12000      | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1700  | U         | 1700   | 1500 | 6100       | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 2100  | U         | 2100   | 1500 | 6100       | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 2000  | U         | 2000   | 1500 | 6100       | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1600  | U         | 1600   | 1500 | 6100       | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1900  | U         | 1900   | 1500 | 6100       | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1700  | U         | 1700   | 1500 | 6100       | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 4900  | JD        | 1900   | 1500 | 6100       | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 0     | U         | 15-120 |      | 0          | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 10.2  | U         | 20-120 |      | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 13.86 |           | 10-130 |      | 35         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 19.11 |           | 10-150 |      | 48         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 17.55 |           | 15-120 |      | 44         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 10.92 |           | 10-140 |      | 27         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 18.42 |           | 10-135 |      | 46         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 12.03 |           | 10-120 |      | 30         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 14.22 |           | 10-140 |      | 36         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 6.33  |           | 1-145  |      | 16         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 18.27 |           | 10-145 |      | 46         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 18.03 |           | 15-120 |      | 45         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 0     | U         | 10-150 |      | 0          | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 20.73 |           | 20-140 |      | 52         | SPK: -40 |

## Report of Analysis

|                    |               |                 |                       |
|--------------------|---------------|-----------------|-----------------------|
| Client:            |               | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |               | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC24DL2      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-21DL2   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC     | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1 Units: g | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL            | Test:           |                       |
| Extraction Type :  | Decanted :    | Level :         | LOW                   |
| Injection Volume : | GPC Factor :  | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034369.D        | 30        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number                            | Parameter                         | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-----------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2     | 0       | U         | 10-130 |     | 0          | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                    | 20.73   |           | 10-150 |     | 52         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                        | 19.23   |           | 10-130 |     | 48         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                | 16.86   |           | 10-140 |     | 42         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                   |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4            | 200320  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                    | 788446  | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                  | 483668  | 14.034    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                  | 990966  | 16.792    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                      | 1008868 | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                      | 1286464 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                   |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain5.452 | 9600    | JD        |        |     | 5.452      |          |
|                                       | (DEL) Alkane: Straight-Chain5.975 | 3300    | JD        |        |     | 5.975      |          |
| 013395-76-1                           | Cyclohexanone, 2,3-dimethyl-      | 3700    | JD        |        |     | 6.046      |          |
|                                       | (DEL) Alkane: Straight-Chain6.405 | 4400    | JD        |        |     | 6.405      |          |
|                                       | (DEL) Alkane: Straight-Chain6.457 | 5300    | JD        |        |     | 6.457      |          |
| 000611-14-3                           | Benzene, 1-ethyl-2-methyl-        | 3700    | JD        |        |     | 6.493      |          |
|                                       | (DEL) Alkane: Straight-Chain6.563 | 8400    | JD        |        |     | 6.563      |          |
| 000108-67-8                           | Mesitylene                        | 3000    | JD        |        |     | 6.622      |          |
| 000622-96-8                           | Benzene, 1-ethyl-4-methyl-        | 3100    | JD        |        |     | 6.781      |          |
| 019549-80-5                           | 2-Heptanone, 4,6-dimethyl-        | 2500    | JD        |        |     | 6.834      |          |
|                                       | (DEL) Alkane: Straight-Chain7.028 | 34000   | JD        |        |     | 7.028      |          |
| 000526-73-8                           | Benzene, 1,2,3-trimethyl-         | 2900    | JD        |        |     | 7.493      |          |
|                                       | (DEL) Alkane: Cyclic7.663         | 5200    | JD        |        |     | 7.663      |          |
| 001074-43-7                           | Benzene, 1-methyl-3-propyl-       | 7600    | JD        |        |     | 7.922      |          |
|                                       | (DEL) Alkane: Straight-Chain7.975 | 3800    | JD        |        |     | 7.975      |          |
| 000934-80-5                           | Benzene, 4-ethyl-1,2-dimethyl-    | 4300    | JD        |        |     | 8.016      |          |
|                                       | (DEL) Alkane: Straight-Chain8.046 | 6100    | JD        |        |     | 8.046      |          |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC24DL2           | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4016-21DL2        | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034369.D        | 30        | 9/17/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163456      |

| CAS Number   | Parameter                          | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|--------|-----------|-----|-----|------------|-------|
|              | (DEL) Alkane: Straight-Chain8.152  | 5200   | JD        |     |     | 8.152      |       |
| 001758-88-9  | Benzene, 2-ethyl-1,4-dimethyl-     | 3100   | JD        |     |     | 8.328      |       |
| 000527-84-4  | o-Cymene                           | 3700   | JD        |     |     | 8.375      |       |
| 000099-87-6  | p-Cymene                           | 7100   | JD        |     |     | 8.475      |       |
|              | (DEL) Alkane: Straight-Chain8.610  | 25000  | JD        |     |     | 8.61       |       |
| 004116-93-2  | 2,8-Decadiyne                      | 6600   | JD        |     |     | 8.722      |       |
|              | (DEL) Alkane: Straight-Chain9.451  | 2400   | JD        |     |     | 9.451      |       |
| 019594-40-2  | Heptyl isobutyl ketone             | 2600   | JD        |     |     | 10.281     |       |
|              | unknown-01                         | 5000   | JD        |     |     | 10.54      |       |
| 003761-94-2  | 1-Methylcycloheptanol              | 2500   | JD        |     |     | 10.669     |       |
| 000590-67-0  | Cyclohexanol, 1-methyl-            | 3300   | JD        |     |     | 11.187     |       |
| 054340-86-2  | Benzene, 4-(2-butenyl)-1,2-dimethy | 2400   | JD        |     |     | 11.251     |       |
|              | (DEL) Alkane: Straight-Chain11.598 | 4800   | JD        |     |     | 11.598     |       |
|              | (DEL) Alkane: Straight-Chain12.875 | 6300   | JD        |     |     | 12.875     |       |
| 000575-43-9  | Naphthalene, 1,6-dimethyl-         | 3200   | JD        |     |     | 13.192     |       |
| 000581-42-0  | Naphthalene, 2,6-dimethyl-         | 2500   | JD        |     |     | 13.404     |       |
|              | (DEL) Alkane: Straight-Chain13.545 | 3200   | JD        |     |     | 13.545     |       |
|              | unknown-02                         | 2500   | JD        |     |     | 13.692     |       |
|              | (DEL) Alkane: Straight-Chain13.969 | 8100   | JD        |     |     | 13.969     |       |
| 1000271-83-0 | Cyclopropane, 1-methoxy-2,2-dimeth | 3200   | JD        |     |     | 14.192     |       |
| 000829-26-5  | Naphthalene, 2,3,6-trimethyl-      | 4200   | JD        |     |     | 14.816     |       |
|              | (DEL) Alkane: Straight-Chain14.934 | 5300   | JD        |     |     | 14.934     |       |
|              | (DEL) Alkane: Straight-Chain15.339 | 2500   | JD        |     |     | 15.339     |       |
|              | (DEL) Alkane: Straight-Chain15.798 | 5000   | JD        |     |     | 15.798     |       |
|              | (DEL) Alkane: Straight-Chain16.592 | 3600   | JD        |     |     | 16.592     |       |
|              | (DEL) Alkane: Straight-Chain17.333 | 2900   | JD        |     |     | 17.333     |       |
| E966796      | Total Alkanes                      | 150000 | D         |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC40DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-01DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.4                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034370.D        | 5         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 73    | U         | 73  | 40   | 400        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 290   | U         | 290 | 500  | 2000       | ug/Kg |
| 110-86-1       | Pyridine                    | 73    | U         | 73  | 1000 | 2000       | ug/Kg |
| 108-95-2       | Phenol                      | 270   | U         | 270 | 500  | 2000       | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 210   | U         | 210 | 500  | 2000       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 130   | U         | 130 | 260  | 1000       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 240   | U         | 240 | 500  | 2000       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 180   | U         | 180 | 500  | 2000       | ug/Kg |
| 98-86-2        | Acetophenone                | 360   | U         | 360 | 500  | 2000       | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 250   | U         | 250 | 500  | 2000       | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 220   | U         | 220 | 260  | 1000       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 97    | U         | 97  | 260  | 1000       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 160   | U         | 160 | 260  | 1000       | ug/Kg |
| 78-59-1        | Isophorone                  | 220   | U         | 220 | 260  | 1000       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 180   | U         | 180 | 260  | 1000       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 51    | U         | 51  | 260  | 1000       | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 190   | U         | 190 | 260  | 1000       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 210   | U         | 210 | 260  | 1000       | ug/Kg |
| 91-20-3        | Naphthalene                 | 200   | U         | 200 | 260  | 1000       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 270   | U         | 270 | 260  | 2000       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 160   | U         | 160 | 260  | 1000       | ug/Kg |
| 105-60-2       | Caprolactam                 | 240   | U         | 240 | 500  | 2000       | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 220   | U         | 220 | 260  | 1000       | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 120   | U         | 120 | 260  | 1000       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 220   | U         | 220 | 260  | 1000       | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 120   | U         | 120 | 500  | 2000       | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 300   | U         | 300 | 260  | 1000       | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 300   | U         | 300 | 260  | 1000       | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC40DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-01DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.4                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034370.D        | 5         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 280   | U         | 280 | 260 | 1000       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 270   | U         | 270 | 260 | 1000       | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 130   | U         | 130 | 260 | 1000       | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 230   | U         | 230 | 260 | 1000       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 160   | U         | 160 | 260 | 1000       | ug/Kg |
| 208-96-8   | Acenaphthylene             | 280   | U         | 280 | 260 | 1000       | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 85    | U         | 85  | 500 | 2000       | ug/Kg |
| 83-32-9    | Acenaphthene               | 300   | U         | 300 | 260 | 1000       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 190   | U         | 190 | 500 | 2000       | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 67    | U         | 67  | 500 | 2000       | ug/Kg |
| 132-64-9   | Dibenzofuran               | 240   | U         | 240 | 260 | 1000       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 79    | U         | 79  | 260 | 1000       | ug/Kg |
| 84-66-2    | Diethylphthalate           | 250   | U         | 250 | 260 | 1000       | ug/Kg |
| 86-73-7    | Fluorene                   | 350   | U         | 350 | 260 | 1000       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 290   | U         | 290 | 260 | 1000       | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 97    | U         | 97  | 500 | 2000       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 240   | U         | 240 | 500 | 2000       | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 270   | U         | 270 | 260 | 1000       | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 270   | U         | 270 | 260 | 1000       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 600   | U         | 600 | 260 | 1000       | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 300   | U         | 300 | 260 | 1000       | ug/Kg |
| 1912-24-9  | Atrazine                   | 67    | U         | 67  | 500 | 2000       | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 16000 | D         | 230 | 500 | 2000       | ug/Kg |
| 85-01-8    | Phenanthrene               | 320   | U         | 320 | 260 | 1000       | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 220   | U         | 220 | 260 | 1000       | ug/Kg |
| 120-12-7   | Anthracene                 | 280   | U         | 280 | 260 | 1000       | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 34    | U         | 34  | 260 | 1000       | ug/Kg |
| 86-74-8    | Carbazole                  | 370   | U         | 370 | 500 | 2000       | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 350   | U         | 350 | 260 | 1000       | ug/Kg |
| 206-44-0   | Fluoranthene               | 270   | U         | 270 | 500 | 1000       | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC40DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-01DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.4                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034370.D        | 5         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 280    | U         | 280    | 260 | 1000       | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 260    | U         | 260    | 260 | 1000       | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 150    | U         | 150    | 500 | 2000       | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 240    | U         | 240    | 260 | 1000       | ug/Kg    |
| 218-01-9          | Chrysene                    | 280    | U         | 280    | 260 | 1000       | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 260    | U         | 260    | 260 | 1000       | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 260    | U         | 260    | 500 | 2000       | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 290    | U         | 290    | 260 | 1000       | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 350    | U         | 350    | 260 | 1000       | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 350    | U         | 350    | 260 | 1000       | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 270    | U         | 270    | 260 | 1000       | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 310    | U         | 310    | 260 | 1000       | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 280    | U         | 280    | 260 | 1000       | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 5100   | D         | 310    | 260 | 1000       | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.59   |           | 15-120 |     | 70         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 9.23   |           | 20-120 |     | 23         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 26.955 |           | 10-130 |     | 67         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 28.28  |           | 10-150 |     | 71         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 30.68  |           | 15-120 |     | 77         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 26.17  |           | 10-140 |     | 65         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 30.465 |           | 10-135 |     | 76         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 30.285 |           | 10-120 |     | 76         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 30.66  |           | 10-140 |     | 77         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.205 |           | 1-145  |     | 58         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 32.67  |           | 10-145 |     | 82         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 33.325 |           | 15-120 |     | 83         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 12.41  |           | 10-150 |     | 31         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 34.155 |           | 20-140 |     | 85         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC40DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-01DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.4                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034370.D        | 5         | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 17.97   |           | 10-130 |     | 45         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 34.735  |           | 10-150 |     | 87         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 35.76   |           | 10-130 |     | 89         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 32.715  |           | 10-140 |     | 82         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 221708  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 886952  | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 531612  | 14.033    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1040575 | 16.792    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1048311 | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1344679 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 000123-42-2                           | 2-Pentanone, 4-hydroxy-4-methyl-   | 570     | A         |        |     | 4.581      |          |
|                                       | (DEL) Alkane: Straight-Chain7.028  | 1500    | JD        |        |     | 7.028      |          |
| 000104-76-7                           | 1-Hexanol, 2-ethyl-                | 1400    | JD        |        |     | 7.463      |          |
|                                       | unknown-01                         | 690     | JD        |        |     | 7.622      |          |
|                                       | (DEL) Alkane: Straight-Chain8.610  | 960     | JD        |        |     | 8.61       |          |
| 1000309-20-0                          | Sulfurous acid, 2-ethylhexyl hepta | 630     | JD        |        |     | 13.969     |          |
| E966796                               | Total Alkanes                      | 2500    | D         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC43DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-04DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 15.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034371.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 140   | U         | 140 | 77.8 | 790        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 570   | U         | 570 | 970  | 3900       | ug/Kg |
| 110-86-1       | Pyridine                    | 140   | U         | 140 | 1900 | 3900       | ug/Kg |
| 108-95-2       | Phenol                      | 530   | U         | 530 | 970  | 3900       | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 410   | U         | 410 | 970  | 3900       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 260   | U         | 260 | 500  | 2000       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 460   | U         | 460 | 970  | 3900       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 340   | U         | 340 | 970  | 3900       | ug/Kg |
| 98-86-2        | Acetophenone                | 700   | U         | 700 | 970  | 3900       | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 480   | U         | 480 | 970  | 3900       | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 440   | U         | 440 | 500  | 2000       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 190   | U         | 190 | 500  | 2000       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 320   | U         | 320 | 500  | 2000       | ug/Kg |
| 78-59-1        | Isophorone                  | 420   | U         | 420 | 500  | 2000       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 350   | U         | 350 | 500  | 2000       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 100   | U         | 100 | 500  | 2000       | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 370   | U         | 370 | 500  | 2000       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 400   | U         | 400 | 500  | 2000       | ug/Kg |
| 91-20-3        | Naphthalene                 | 390   | U         | 390 | 500  | 2000       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 520   | U         | 520 | 500  | 3900       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 310   | U         | 310 | 500  | 2000       | ug/Kg |
| 105-60-2       | Caprolactam                 | 470   | U         | 470 | 970  | 3900       | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 420   | U         | 420 | 500  | 2000       | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 220   | U         | 220 | 500  | 2000       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 470   | JD        | 440 | 500  | 2000       | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 220   | U         | 220 | 970  | 3900       | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 590   | U         | 590 | 500  | 2000       | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 580   | U         | 580 | 500  | 2000       | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC43DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-04DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 15.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034371.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 540   | U         | 540  | 500 | 2000       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 520   | U         | 520  | 500 | 2000       | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 260   | U         | 260  | 500 | 2000       | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 450   | U         | 450  | 500 | 2000       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 310   | U         | 310  | 500 | 2000       | ug/Kg |
| 208-96-8   | Acenaphthylene             | 540   | U         | 540  | 500 | 2000       | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 170   | U         | 170  | 970 | 3900       | ug/Kg |
| 83-32-9    | Acenaphthene               | 590   | U         | 590  | 500 | 2000       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 380   | U         | 380  | 970 | 3900       | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 130   | U         | 130  | 970 | 3900       | ug/Kg |
| 132-64-9   | Dibenzofuran               | 470   | U         | 470  | 500 | 2000       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 150   | U         | 150  | 500 | 2000       | ug/Kg |
| 84-66-2    | Diethylphthalate           | 480   | U         | 480  | 500 | 2000       | ug/Kg |
| 86-73-7    | Fluorene                   | 680   | U         | 680  | 500 | 2000       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 570   | U         | 570  | 500 | 2000       | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 190   | U         | 190  | 970 | 3900       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 460   | U         | 460  | 970 | 3900       | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 530   | U         | 530  | 500 | 2000       | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 530   | U         | 530  | 500 | 2000       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1200  | U         | 1200 | 500 | 2000       | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 590   | U         | 590  | 500 | 2000       | ug/Kg |
| 1912-24-9  | Atrazine                   | 130   | U         | 130  | 970 | 3900       | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 42000 | D         | 450  | 970 | 3900       | ug/Kg |
| 85-01-8    | Phenanthrene               | 630   | U         | 630  | 500 | 2000       | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 420   | U         | 420  | 500 | 2000       | ug/Kg |
| 120-12-7   | Anthracene                 | 550   | U         | 550  | 500 | 2000       | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 66    | U         | 66   | 500 | 2000       | ug/Kg |
| 86-74-8    | Carbazole                  | 720   | U         | 720  | 970 | 3900       | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 670   | U         | 670  | 500 | 2000       | ug/Kg |
| 206-44-0   | Fluoranthene               | 530   | U         | 530  | 970 | 2000       | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC43DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-04DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 15.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034371.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 540   | U         | 540    | 500 | 2000       | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 510   | U         | 510    | 500 | 2000       | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 290   | U         | 290    | 970 | 3900       | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 460   | U         | 460    | 500 | 2000       | ug/Kg    |
| 218-01-9          | Chrysene                    | 540   | U         | 540    | 500 | 2000       | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 510   | U         | 510    | 500 | 2000       | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 510   | U         | 510    | 970 | 3900       | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 570   | U         | 570    | 500 | 2000       | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 680   | U         | 680    | 500 | 2000       | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 670   | U         | 670    | 500 | 2000       | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 530   | U         | 530    | 500 | 2000       | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 610   | U         | 610    | 500 | 2000       | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 540   | U         | 540    | 500 | 2000       | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 3400  | D         | 610    | 500 | 2000       | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.61  |           | 15-120 |     | 70         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 16.68 |           | 20-120 |     | 42         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 18.66 |           | 10-130 |     | 47         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 22.37 |           | 10-150 |     | 56         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 22.68 |           | 15-120 |     | 57         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 18.43 |           | 10-140 |     | 46         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 20.81 |           | 10-135 |     | 52         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 20.39 |           | 10-120 |     | 51         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 21.11 |           | 10-140 |     | 53         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 16.65 |           | 1-145  |     | 42         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 23.68 |           | 10-145 |     | 59         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 24.26 |           | 15-120 |     | 61         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 0     | U         | 10-150 |     | 0          | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.08 |           | 20-140 |     | 63         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC43DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-04DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 15.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034371.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 0       | U         | 10-130 |     | 0          | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 25.56   |           | 10-150 |     | 64         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 25.12   |           | 10-130 |     | 63         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 22.36   |           | 10-140 |     | 56         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 228627  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 924225  | 10.134    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 559374  | 14.034    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1079717 | 16.792    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1038676 | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1379447 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain5.452  | 1300    | JD        |        |     | 5.452      |          |
|                                       | (DEL) Alkane: Straight-Chain6.458  | 880     | JD        |        |     | 6.458      |          |
| 019549-80-5                           | 2-Heptanone, 4,6-dimethyl-         | 950     | JD        |        |     | 6.834      |          |
|                                       | (DEL) Alkane: Straight-Chain7.028  | 6200    | JD        |        |     | 7.028      |          |
| 000104-76-7                           | 1-Hexanol, 2-ethyl-                | 2600    | JD        |        |     | 7.463      |          |
|                                       | (DEL) Alkane: Cyclic7.658          | 910     | JD        |        |     | 7.658      |          |
| 000873-94-9                           | Cyclohexanone, 3,3,5-trimethyl-    | 830     | JD        |        |     | 7.81       |          |
| 001074-55-1                           | Benzene, 1-methyl-4-propyl-        | 1400    | JD        |        |     | 7.922      |          |
| 000934-74-7                           | Benzene, 1-ethyl-3,5-dimethyl-     | 940     | JD        |        |     | 8.016      |          |
|                                       | (DEL) Alkane: Straight-Chain8.046  | 800     | JD        |        |     | 8.046      |          |
|                                       | (DEL) Alkane: Straight-Chain8.152  | 900     | JD        |        |     | 8.152      |          |
| 000934-80-5                           | Benzene, 4-ethyl-1,2-dimethyl-     | 1100    | JD        |        |     | 8.475      |          |
|                                       | (DEL) Alkane: Straight-Chain8.610  | 4400    | JD        |        |     | 8.61       |          |
|                                       | unknown-01                         | 1200    | JD        |        |     | 8.722      |          |
| 006413-83-8                           | 2,4-Dipropyl-5-ethyl-1,3-dioxane   | 910     | JD        |        |     | 10.534     |          |
|                                       | (DEL) Alkane: Straight-Chain12.875 | 930     | JD        |        |     | 12.875     |          |
| 1010309-19-2                          | Sulfurous acid, 2-ethylhexyl nonyl | 2200    | JD        |        |     | 13.969     |          |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC43DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-04DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 15.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034371.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number  | Parameter                       | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|---------------------------------|--------|-----------|-----|-----|------------|-------|
|             | (DEL) Alkane: Straight-Chain    | 14.934 | 900       | JD  |     | 14.934     |       |
|             | (DEL) Alkane: Straight-Chain    | 15.798 | 870       | JD  |     | 15.798     |       |
| 000112-39-0 | Hexadecanoic acid, methyl ester | 870    | JD        |     |     | 17.504     |       |
| E966796     | Total Alkanes                   | 18000  | D         |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC43DL2     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-04DL2  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 15.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034372.D        | 20        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 280   | U         | 280  | 160  | 1600       | ug/Kg |
| 100-52-7       | Benzaldehyde                | 1100  | U         | 1100 | 1900 | 7800       | ug/Kg |
| 110-86-1       | Pyridine                    | 280   | U         | 280  | 3900 | 7800       | ug/Kg |
| 108-95-2       | Phenol                      | 1100  | U         | 1100 | 1900 | 7800       | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 830   | U         | 830  | 1900 | 7800       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 520   | U         | 520  | 1000 | 4000       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 920   | U         | 920  | 1900 | 7800       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 680   | U         | 680  | 1900 | 7800       | ug/Kg |
| 98-86-2        | Acetophenone                | 1400  | U         | 1400 | 1900 | 7800       | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 970   | U         | 970  | 1900 | 7800       | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 870   | U         | 870  | 1000 | 4000       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 380   | U         | 380  | 1000 | 4000       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 640   | U         | 640  | 1000 | 4000       | ug/Kg |
| 78-59-1        | Isophorone                  | 850   | U         | 850  | 1000 | 4000       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 710   | U         | 710  | 1000 | 4000       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 200   | U         | 200  | 1000 | 4000       | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 730   | U         | 730  | 1000 | 4000       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 800   | U         | 800  | 1000 | 4000       | ug/Kg |
| 91-20-3        | Naphthalene                 | 780   | U         | 780  | 1000 | 4000       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 1000  | U         | 1000 | 1000 | 7800       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 610   | U         | 610  | 1000 | 4000       | ug/Kg |
| 105-60-2       | Caprolactam                 | 940   | U         | 940  | 1900 | 7800       | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 850   | U         | 850  | 1000 | 4000       | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 450   | U         | 450  | 1000 | 4000       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 870   | U         | 870  | 1000 | 4000       | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 450   | U         | 450  | 1900 | 7800       | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1200  | U         | 1200 | 1000 | 4000       | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1200  | U         | 1200 | 1000 | 4000       | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC43DL2     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-04DL2  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 15.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034372.D        | 20        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1100  | U         | 1100 | 1000 | 4000       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 1000  | U         | 1000 | 1000 | 4000       | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 520   | U         | 520  | 1000 | 4000       | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 900   | U         | 900  | 1000 | 4000       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 610   | U         | 610  | 1000 | 4000       | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1100  | U         | 1100 | 1000 | 4000       | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 330   | U         | 330  | 1900 | 7800       | ug/Kg |
| 83-32-9    | Acenaphthene               | 1200  | U         | 1200 | 1000 | 4000       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 750   | U         | 750  | 1900 | 7800       | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 260   | U         | 260  | 1900 | 7800       | ug/Kg |
| 132-64-9   | Dibenzofuran               | 940   | U         | 940  | 1000 | 4000       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 310   | U         | 310  | 1000 | 4000       | ug/Kg |
| 84-66-2    | Diethylphthalate           | 970   | U         | 970  | 1000 | 4000       | ug/Kg |
| 86-73-7    | Fluorene                   | 1400  | U         | 1400 | 1000 | 4000       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1100  | U         | 1100 | 1000 | 4000       | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 380   | U         | 380  | 1900 | 7800       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 920   | U         | 920  | 1900 | 7800       | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1100  | U         | 1100 | 1000 | 4000       | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1100  | U         | 1100 | 1000 | 4000       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 2300  | U         | 2300 | 1000 | 4000       | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1200  | U         | 1200 | 1000 | 4000       | ug/Kg |
| 1912-24-9  | Atrazine                   | 260   | U         | 260  | 1900 | 7800       | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 44000 | D         | 900  | 1900 | 7800       | ug/Kg |
| 85-01-8    | Phenanthrene               | 1300  | U         | 1300 | 1000 | 4000       | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 850   | U         | 850  | 1000 | 4000       | ug/Kg |
| 120-12-7   | Anthracene                 | 1100  | U         | 1100 | 1000 | 4000       | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 130   | U         | 130  | 1000 | 4000       | ug/Kg |
| 86-74-8    | Carbazole                  | 1400  | U         | 1400 | 1900 | 7800       | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1300  | U         | 1300 | 1000 | 4000       | ug/Kg |
| 206-44-0   | Fluoranthene               | 1100  | U         | 1100 | 1900 | 4000       | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC43DL2     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-04DL2  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 15.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034372.D        | 20        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1100  | U         | 1100   | 1000 | 4000       | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1000  | U         | 1000   | 1000 | 4000       | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 590   | U         | 590    | 1900 | 7800       | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 920   | U         | 920    | 1000 | 4000       | ug/Kg    |
| 218-01-9          | Chrysene                    | 1100  | U         | 1100   | 1000 | 4000       | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1000  | U         | 1000   | 1000 | 4000       | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1000  | U         | 1000   | 1900 | 7800       | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1100  | U         | 1100   | 1000 | 4000       | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1400  | U         | 1400   | 1000 | 4000       | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1300  | U         | 1300   | 1000 | 4000       | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1100  | U         | 1100   | 1000 | 4000       | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1200  | U         | 1200   | 1000 | 4000       | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1100  | U         | 1100   | 1000 | 4000       | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 3300  | JD        | 1200   | 1000 | 4000       | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.78  |           | 15-120 |      | 60         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 13.08 |           | 20-120 |      | 33         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 18.38 |           | 10-130 |      | 46         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 24.08 |           | 10-150 |      | 60         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 23.18 |           | 15-120 |      | 58         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 16.06 |           | 10-140 |      | 40         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 19.7  |           | 10-135 |      | 49         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 18.1  |           | 10-120 |      | 45         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 19.94 |           | 10-140 |      | 50         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 15.34 |           | 1-145  |      | 38         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 24.08 |           | 10-145 |      | 60         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 23.76 |           | 15-120 |      | 59         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 2.3   | *         | 10-150 |      | 6          | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.96 |           | 20-140 |      | 65         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC43DL2     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-04DL2  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 15.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034372.D        | 20        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 9.2     |           | 10-130 |     | 23         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 26.98   |           | 10-150 |     | 67         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 26.9    |           | 10-130 |     | 67         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 23.12   |           | 10-140 |     | 58         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 217843  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 867713  | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 531688  | 14.034    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1083939 | 16.792    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1100097 | 21.028    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1408569 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1100    | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/23/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/23/2024 12:00:00 AM |
| Client Sample ID:  | SBLK635      | SDG No.:        | BN100224              |
| Lab Sample ID:     | PB163635BL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034374.D        | 1         | 9/23/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163635      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 12    | U         | 12  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 48    | U         | 48  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 12    | U         | 12  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 45    | U         | 45  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 35    | U         | 35  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 22    | U         | 22  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 39    | U         | 39  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 29    | U         | 29  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 59    | U         | 59  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 41    | U         | 41  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 37    | U         | 37  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 16    | U         | 16  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 36    | U         | 36  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 30    | U         | 30  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 8.5   | U         | 8.5 | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 31    | U         | 31  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 44    | U         | 44  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 40    | U         | 40  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 36    | U         | 36  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 19    | U         | 19  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 37    | U         | 37  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 19    | U         | 19  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 49    | U         | 49  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/23/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/23/2024 12:00:00 AM |
| Client Sample ID:  | SBLK635      | SDG No.:        | BN100224              |
| Lab Sample ID:     | PB163635BL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034374.D        | 1         | 9/23/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163635      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 46    | U         | 46  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 44    | U         | 44  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 22    | U         | 22  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 38    | U         | 38  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 46    | U         | 46  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 14    | U         | 14  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 32    | U         | 32  | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 11    | U         | 11  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 40    | U         | 40  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 13    | U         | 13  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 58    | U         | 58  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 48    | U         | 48  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 16    | U         | 16  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 39    | U         | 39  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 99    | U         | 99  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 11    | U         | 11  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 38    | U         | 38  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 53    | U         | 53  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 36    | U         | 36  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 47    | U         | 47  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 5.6   | U         | 5.6 | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 61    | U         | 61  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 57    | U         | 57  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 45    | U         | 45  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/23/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/23/2024 12:00:00 AM |
| Client Sample ID:  | SBLK635      | SDG No.:        | BN100224              |
| Lab Sample ID:     | PB163635BL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034374.D        | 1         | 9/23/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163635      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 46     | U         | 46     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 43     | U         | 43     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 25     | U         | 25     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 39     | U         | 39     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 46     | U         | 46     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 43     | U         | 43     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 43     | U         | 43     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 48     | U         | 48     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 58     | U         | 58     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 57     | U         | 57     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 45     | U         | 45     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 52     | U         | 52     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 46     | U         | 46     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 52     | U         | 52     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.892  |           | 15-120 |      | 74         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 23.106 |           | 20-120 |      | 58         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 22.804 |           | 10-130 |      | 57         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 22.54  |           | 10-150 |      | 56         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 26.679 |           | 15-120 |      | 67         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 21.931 |           | 10-140 |      | 55         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 26.959 |           | 10-135 |      | 67         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.35  |           | 10-120 |      | 68         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 25.899 |           | 10-140 |      | 65         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.743 |           | 1-145  |      | 59         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 25.211 |           | 10-145 |      | 63         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 27.439 |           | 15-120 |      | 69         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 13.748 |           | 10-150 |      | 34         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 26.374 |           | 20-140 |      | 66         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/23/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/23/2024 12:00:00 AM |
| Client Sample ID:  | SBLK635      | SDG No.:        | BN100224              |
| Lab Sample ID:     | PB163635BL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034374.D        | 1         | 9/23/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163635      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 15.717 |           | 10-130 |     | 39         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 27.17  |           | 10-150 |     | 68         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 26.891 |           | 10-130 |     | 67         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 28.376 |           | 10-140 |     | 71         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 178039 | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 668265 | 10.134    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 376810 | 14.033    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 726428 | 16.792    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 717667 | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 883546 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 46     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC95DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-13DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.6                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034375.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 140   | U         | 140 | 77.3 | 780        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 560   | U         | 560 | 970  | 3900       | ug/Kg |
| 110-86-1       | Pyridine                    | 140   | U         | 140 | 1900 | 3900       | ug/Kg |
| 108-95-2       | Phenol                      | 530   | U         | 530 | 970  | 3900       | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 410   | U         | 410 | 970  | 3900       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 260   | U         | 260 | 500  | 2000       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 460   | U         | 460 | 970  | 3900       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 340   | U         | 340 | 970  | 3900       | ug/Kg |
| 98-86-2        | Acetophenone                | 690   | U         | 690 | 970  | 3900       | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 480   | U         | 480 | 970  | 3900       | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 430   | U         | 430 | 500  | 2000       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 190   | U         | 190 | 500  | 2000       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 320   | U         | 320 | 500  | 2000       | ug/Kg |
| 78-59-1        | Isophorone                  | 420   | U         | 420 | 500  | 2000       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 350   | U         | 350 | 500  | 2000       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 100   | U         | 100 | 500  | 2000       | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 360   | U         | 360 | 500  | 2000       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 400   | U         | 400 | 500  | 2000       | ug/Kg |
| 91-20-3        | Naphthalene                 | 1500  | JD        | 390 | 500  | 2000       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 520   | U         | 520 | 500  | 3900       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 300   | U         | 300 | 500  | 2000       | ug/Kg |
| 105-60-2       | Caprolactam                 | 470   | U         | 470 | 970  | 3900       | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 420   | U         | 420 | 500  | 2000       | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 1800  | JD        | 220 | 500  | 2000       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 3100  | D         | 430 | 500  | 2000       | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 220   | U         | 220 | 970  | 3900       | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 590   | U         | 590 | 500  | 2000       | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 570   | U         | 570 | 500  | 2000       | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC95DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-13DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.6                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034375.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number | Parameter                  | Conc.  | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|--------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 540    | U         | 540  | 500 | 2000       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 520    | U         | 520  | 500 | 2000       | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 260    | U         | 260  | 500 | 2000       | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 440    | U         | 440  | 500 | 2000       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 300    | U         | 300  | 500 | 2000       | ug/Kg |
| 208-96-8   | Acenaphthylene             | 540    | U         | 540  | 500 | 2000       | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 160    | U         | 160  | 970 | 3900       | ug/Kg |
| 83-32-9    | Acenaphthene               | 590    | U         | 590  | 500 | 2000       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 370    | U         | 370  | 970 | 3900       | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 130    | U         | 130  | 970 | 3900       | ug/Kg |
| 132-64-9   | Dibenzofuran               | 470    | U         | 470  | 500 | 2000       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 150    | U         | 150  | 500 | 2000       | ug/Kg |
| 84-66-2    | Diethylphthalate           | 480    | U         | 480  | 500 | 2000       | ug/Kg |
| 86-73-7    | Fluorene                   | 680    | U         | 680  | 500 | 2000       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 560    | U         | 560  | 500 | 2000       | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 190    | U         | 190  | 970 | 3900       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 460    | U         | 460  | 970 | 3900       | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 530    | U         | 530  | 500 | 2000       | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 530    | U         | 530  | 500 | 2000       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1200   | U         | 1200 | 500 | 2000       | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 590    | U         | 590  | 500 | 2000       | ug/Kg |
| 1912-24-9  | Atrazine                   | 130    | U         | 130  | 970 | 3900       | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 150000 | ED        | 440  | 970 | 3900       | ug/Kg |
| 85-01-8    | Phenanthrene               | 620    | U         | 620  | 500 | 2000       | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 420    | U         | 420  | 500 | 2000       | ug/Kg |
| 120-12-7   | Anthracene                 | 550    | U         | 550  | 500 | 2000       | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 66     | U         | 66   | 500 | 2000       | ug/Kg |
| 86-74-8    | Carbazole                  | 710    | U         | 710  | 970 | 3900       | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 670    | U         | 670  | 500 | 2000       | ug/Kg |
| 206-44-0   | Fluoranthene               | 530    | U         | 530  | 970 | 2000       | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC95DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-13DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.6                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034375.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 540   | U         | 540    | 500 | 2000       | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 500   | U         | 500    | 500 | 2000       | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 290   | U         | 290    | 970 | 3900       | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 460   | U         | 460    | 500 | 2000       | ug/Kg    |
| 218-01-9          | Chrysene                    | 540   | U         | 540    | 500 | 2000       | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 500   | U         | 500    | 500 | 2000       | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 500   | U         | 500    | 970 | 3900       | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 560   | U         | 560    | 500 | 2000       | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 680   | U         | 680    | 500 | 2000       | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 670   | U         | 670    | 500 | 2000       | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 530   | U         | 530    | 500 | 2000       | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 610   | U         | 610    | 500 | 2000       | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 540   | U         | 540    | 500 | 2000       | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 25000 | D         | 610    | 500 | 2000       | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 0     | U         | 15-120 |     | 0          | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 3.4   | U         | 20-120 |     | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 3.34  | *         | 10-130 |     | 8          | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 9.57  |           | 10-150 |     | 24         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 4.17  | *         | 15-120 |     | 10         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 0     | U         | 10-140 |     | 0          | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 8.03  |           | 10-135 |     | 20         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 5.11  |           | 10-120 |     | 13         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 2.73  | *         | 10-140 |     | 7          | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 13.07 |           | 1-145  |     | 33         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 6.77  |           | 10-145 |     | 17         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 6.8   |           | 15-120 |     | 17         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 5.73  |           | 10-150 |     | 14         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 7.79  | *         | 20-140 |     | 19         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC95DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-13DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.6                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034375.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 0       | U         | 10-130 |     | 0          | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 7.64    |           | 10-150 |     | 19         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 5.69    |           | 10-130 |     | 14         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 3.1     | *         | 10-140 |     | 8          | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 227184  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 925441  | 10.14     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 608137  | 14.034    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1303789 | 16.798    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1374155 | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1689894 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain5.446  | 5200    | JD        |        |     | 5.446      |          |
|                                       | (DEL) Alkane: Straight-Chain5.975  | 1900    | JD        |        |     | 5.975      |          |
| 013395-76-1                           | Cyclohexanone, 2,3-dimethyl-       | 2100    | JD        |        |     | 6.046      |          |
|                                       | (DEL) Alkane: Straight-Chain6.405  | 2700    | JD        |        |     | 6.405      |          |
|                                       | (DEL) Alkane: Straight-Chain6.458  | 3100    | JD        |        |     | 6.458      |          |
| 000611-14-3                           | Benzene, 1-ethyl-2-methyl-         | 4000    | JD        |        |     | 6.493      |          |
|                                       | (DEL) Alkane: Straight-Chain6.563  | 5900    | JD        |        |     | 6.563      |          |
| 000108-67-8                           | Mesitylene                         | 2800    | JD        |        |     | 6.622      |          |
| 000622-96-8                           | Benzene, 1-ethyl-4-methyl-         | 2800    | JD        |        |     | 6.781      |          |
| 019549-80-5                           | 2-Heptanone, 4,6-dimethyl-         | 2500    | JD        |        |     | 6.834      |          |
|                                       | (DEL) Alkane: Straight-Chain7.028  | 23000   | JD        |        |     | 7.028      |          |
| 1000365-51-2                          | 2-Propyl-1-pentanol, pentafluoropr | 1700    | JD        |        |     | 7.463      |          |
| 000526-73-8                           | Benzene, 1,2,3-trimethyl-          | 2900    | JD        |        |     | 7.493      |          |
|                                       | (DEL) Alkane: Straight-Chain7.581  | 1700    | JD        |        |     | 7.581      |          |
|                                       | (DEL) Alkane: Cyclic7.657          | 3800    | JD        |        |     | 7.657      |          |
| 000135-01-3                           | Benzene, 1,2-diethyl-              | 2700    | JD        |        |     | 7.869      |          |
|                                       | unknown-01                         | 6000    | JD        |        |     | 7.922      |          |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC95DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-13DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.6                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034375.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number   | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
|              | (DEL) Alkane: Straight-Chain7.975  | 3000  | JD        |     |     | 7.975      |       |
| 000933-98-2  | Benzene, 1-ethyl-2,3-dimethyl-     | 3500  | JD        |     |     | 8.016      |       |
|              | (DEL) Alkane: Straight-Chain8.046  | 5400  | JD        |     |     | 8.046      |       |
|              | (DEL) Alkane: Straight-Chain8.152  | 5100  | JD        |     |     | 8.152      |       |
| 001758-88-9  | Benzene, 2-ethyl-1,4-dimethyl-     | 2600  | JD        |     |     | 8.328      |       |
| 000527-84-4  | o-Cymene                           | 3600  | JD        |     |     | 8.375      |       |
| 000934-80-5  | Benzene, 4-ethyl-1,2-dimethyl-     | 6200  | JD        |     |     | 8.475      |       |
|              | unknown-02                         | 1800  | JD        |     |     | 8.569      |       |
|              | (DEL) Alkane: Straight-Chain8.610  | 21000 | JD        |     |     | 8.61       |       |
|              | unknown-03                         | 5200  | JD        |     |     | 8.722      |       |
|              | (DEL) Alkane: Straight-Chain9.451  | 820   | JD        |     |     | 9.451      |       |
|              | (DEL) Alkane: Straight-Chain11.187 | 1100  | JD        |     |     | 11.187     |       |
|              | (DEL) Alkane: Straight-Chain11.599 | 1900  | JD        |     |     | 11.599     |       |
|              | (DEL) Alkane: Straight-Chain12.440 | 1300  | JD        |     |     | 12.44      |       |
|              | (DEL) Alkane: Straight-Chain12.581 | 2400  | JD        |     |     | 12.581     |       |
|              | (DEL) Alkane: Straight-Chain12.875 | 5300  | JD        |     |     | 12.875     |       |
| 000571-61-9  | Naphthalene, 1,5-dimethyl-         | 1700  | JD        |     |     | 13.193     |       |
| 000582-16-1  | Naphthalene, 2,7-dimethyl-         | 2200  | JD        |     |     | 13.351     |       |
| 000575-43-9  | Naphthalene, 1,6-dimethyl-         | 2600  | JD        |     |     | 13.404     |       |
| 1000382-54-3 | Carbonic acid, eicosyl vinyl ester | 2700  | JD        |     |     | 13.545     |       |
| 000571-58-4  | Naphthalene, 1,4-dimethyl-         | 1300  | JD        |     |     | 13.592     |       |
|              | unknown-04                         | 2000  | JD        |     |     | 13.693     |       |
| 1000309-19-3 | Sulfurous acid, decyl 2-ethylhexyl | 8800  | JD        |     |     | 13.969     |       |
|              | unknown-05                         | 1500  | JD        |     |     | 14.145     |       |
| 032962-25-7  | 1H-Indole, 4-(3-methyl-2-butenyl)- | 3500  | JD        |     |     | 14.192     |       |
| 103240-79-5  | 5-Methyl-1-phenylhexa-1,3,4-triene | 2200  | JD        |     |     | 14.269     |       |
|              | (DEL) Alkane: Straight-Chain14.592 | 1400  | JD        |     |     | 14.592     |       |
| 002131-42-2  | Naphthalene, 1,4,6-trimethyl-      | 2500  | JD        |     |     | 14.816     |       |
|              | (DEL) Alkane: Straight-Chain14.934 | 4600  | JD        |     |     | 14.934     |       |
| 005409-55-2  | 1(2H)-Naphthalenone, 3,4-dihydro-3 | 2100  | JD        |     |     | 15.157     |       |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC95DL      | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-13DL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.6                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034375.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number   | Parameter                          | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|--------|-----------|-----|-----|------------|-------|
| 000112-39-0  | (DEL) Alkane: Straight-Chain15.339 | 2300   | JD        |     |     | 15.339     |       |
|              | (DEL) Alkane: Straight-Chain15.798 | 3800   | JD        |     |     | 15.798     |       |
|              | (DEL) Alkane: Straight-Chain16.592 | 2900   | JD        |     |     | 16.592     |       |
|              | (DEL) Alkane: Straight-Chain16.645 | 1600   | JD        |     |     | 16.645     |       |
|              | (DEL) Alkane: Straight-Chain17.333 | 2500   | JD        |     |     | 17.333     |       |
|              | Hexadecanoic acid, methyl ester    | 2700   | JD        |     |     | 17.504     |       |
|              | (DEL) Alkane: Straight-Chain18.028 | 2000   | JD        |     |     | 18.028     |       |
|              | (DEL) Alkane: Straight-Chain18.674 | 1900   | JD        |     |     | 18.674     |       |
| 057396-98-2  | 7-Octadecenoic acid, methyl ester  | 1600   | JD        |     |     | 18.692     |       |
|              | (DEL) Alkane: Straight-Chain19.798 | 1300   | JD        |     |     | 19.798     |       |
|              | (DEL) Alkane: Straight-Chain20.304 | 960    | JD        |     |     | 20.304     |       |
| 1000383-13-6 | Carbonic acid, 2-ethylhexyl nonyl  | 2400   | JD        |     |     | 20.774     |       |
|              | (DEL) Alkane: Straight-Chain21.251 | 1000   | JD        |     |     | 21.251     |       |
|              | (DEL) Alkane: Straight-Chain21.769 | 2000   | JD        |     |     | 21.769     |       |
| E966796      | Total Alkanes                      | 120000 | D         |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC95DL2     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-13DL2  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.6                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034376.D        | 30        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 420   | U         | 420  | 230  | 2300       | ug/Kg |
| 100-52-7       | Benzaldehyde                | 1700  | U         | 1700 | 2900 | 12000      | ug/Kg |
| 110-86-1       | Pyridine                    | 420   | U         | 420  | 5800 | 12000      | ug/Kg |
| 108-95-2       | Phenol                      | 1600  | U         | 1600 | 2900 | 12000      | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1200  | U         | 1200 | 2900 | 12000      | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 770   | U         | 770  | 1500 | 6000       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1400  | U         | 1400 | 2900 | 12000      | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1000  | U         | 1000 | 2900 | 12000      | ug/Kg |
| 98-86-2        | Acetophenone                | 2100  | U         | 2100 | 2900 | 12000      | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 1400  | U         | 1400 | 2900 | 12000      | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1300  | U         | 1300 | 1500 | 6000       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 560   | U         | 560  | 1500 | 6000       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 950   | U         | 950  | 1500 | 6000       | ug/Kg |
| 78-59-1        | Isophorone                  | 1300  | U         | 1300 | 1500 | 6000       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1100  | U         | 1100 | 1500 | 6000       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 300   | U         | 300  | 1500 | 6000       | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1100  | U         | 1100 | 1500 | 6000       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1200  | U         | 1200 | 1500 | 6000       | ug/Kg |
| 91-20-3        | Naphthalene                 | 1500  | JD        | 1200 | 1500 | 6000       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 1500  | U         | 1500 | 1500 | 12000      | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 910   | U         | 910  | 1500 | 6000       | ug/Kg |
| 105-60-2       | Caprolactam                 | 1400  | U         | 1400 | 2900 | 12000      | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1300  | U         | 1300 | 1500 | 6000       | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 1900  | JD        | 670  | 1500 | 6000       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 3100  | JD        | 1300 | 1500 | 6000       | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 670   | U         | 670  | 2900 | 12000      | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1800  | U         | 1800 | 1500 | 6000       | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1700  | U         | 1700 | 1500 | 6000       | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC95DL2     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-13DL2  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.6                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034376.D        | 30        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number | Parameter                  | Conc.  | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|--------|-----------|------|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1600   | U         | 1600 | 1500 | 6000       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 1500   | U         | 1500 | 1500 | 6000       | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 770    | U         | 770  | 1500 | 6000       | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 1300   | U         | 1300 | 1500 | 6000       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 910    | U         | 910  | 1500 | 6000       | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1600   | U         | 1600 | 1500 | 6000       | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 490    | U         | 490  | 2900 | 12000      | ug/Kg |
| 83-32-9    | Acenaphthene               | 1800   | U         | 1800 | 1500 | 6000       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 1100   | U         | 1100 | 2900 | 12000      | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 390    | U         | 390  | 2900 | 12000      | ug/Kg |
| 132-64-9   | Dibenzofuran               | 1400   | U         | 1400 | 1500 | 6000       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 460    | U         | 460  | 1500 | 6000       | ug/Kg |
| 84-66-2    | Diethylphthalate           | 1400   | U         | 1400 | 1500 | 6000       | ug/Kg |
| 86-73-7    | Fluorene                   | 2000   | U         | 2000 | 1500 | 6000       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1700   | U         | 1700 | 1500 | 6000       | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 560    | U         | 560  | 2900 | 12000      | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1400   | U         | 1400 | 2900 | 12000      | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1600   | U         | 1600 | 1500 | 6000       | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1600   | U         | 1600 | 1500 | 6000       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 3500   | U         | 3500 | 1500 | 6000       | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1800   | U         | 1800 | 1500 | 6000       | ug/Kg |
| 1912-24-9  | Atrazine                   | 390    | U         | 390  | 2900 | 12000      | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 180000 | D         | 1300 | 2900 | 12000      | ug/Kg |
| 85-01-8    | Phenanthrene               | 1900   | U         | 1900 | 1500 | 6000       | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 1300   | U         | 1300 | 1500 | 6000       | ug/Kg |
| 120-12-7   | Anthracene                 | 1700   | U         | 1700 | 1500 | 6000       | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 200    | U         | 200  | 1500 | 6000       | ug/Kg |
| 86-74-8    | Carbazole                  | 2100   | U         | 2100 | 2900 | 12000      | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 2000   | U         | 2000 | 1500 | 6000       | ug/Kg |
| 206-44-0   | Fluoranthene               | 1600   | U         | 1600 | 2900 | 6000       | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC95DL2     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-13DL2  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.6                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034376.D        | 30        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1600  | U         | 1600   | 1500 | 6000       | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1500  | U         | 1500   | 1500 | 6000       | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 880   | U         | 880    | 2900 | 12000      | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1400  | U         | 1400   | 1500 | 6000       | ug/Kg    |
| 218-01-9          | Chrysene                    | 1600  | U         | 1600   | 1500 | 6000       | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1500  | U         | 1500   | 1500 | 6000       | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1500  | U         | 1500   | 2900 | 12000      | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1700  | U         | 1700   | 1500 | 6000       | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 2000  | U         | 2000   | 1500 | 6000       | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 2000  | U         | 2000   | 1500 | 6000       | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1600  | U         | 1600   | 1500 | 6000       | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1800  | U         | 1800   | 1500 | 6000       | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1600  | U         | 1600   | 1500 | 6000       | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 24000 | D         | 1800   | 1500 | 6000       | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 0     | U         | 15-120 |      | 0          | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 10.2  | U         | 20-120 |      | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 0     | U         | 10-130 |      | 0          | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 8.64  |           | 10-150 |      | 22         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 3.6   | *         | 15-120 |      | 9          | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 0     | U         | 10-140 |      | 0          | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 7.98  |           | 10-135 |      | 20         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 4.02  |           | 10-120 |      | 10         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 0     | U         | 10-140 |      | 0          | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 14.01 |           | 1-145  |      | 35         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 7.38  |           | 10-145 |      | 18         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 6.72  |           | 15-120 |      | 17         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 0     | U         | 10-150 |      | 0          | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 8.91  |           | 20-140 |      | 22         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC95DL2     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-13DL2  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.6                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034376.D        | 30        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number                            | Parameter                         | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-----------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2     | 0       | U         | 10-130 |     | 0          | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                    | 7.08    |           | 10-150 |     | 18         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                        | 5.91    |           | 10-130 |     | 15         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                | 3.21    | *         | 10-140 |     | 8          | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                   |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4            | 226554  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                    | 912943  | 10.134    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                  | 553124  | 14.034    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                  | 1084922 | 16.792    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                      | 1065979 | 21.028    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                      | 1311679 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                   |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain5.446 | 7600    | JD        |        |     | 5.446      |          |
|                                       | (DEL) Alkane: Straight-Chain5.975 | 2800    | JD        |        |     | 5.975      |          |
|                                       | (DEL) Alkane: Cyclic6.046         | 3200    | JD        |        |     | 6.046      |          |
|                                       | (DEL) Alkane: Straight-Chain6.399 | 4000    | JD        |        |     | 6.399      |          |
|                                       | (DEL) Alkane: Straight-Chain6.458 | 4900    | JD        |        |     | 6.458      |          |
| 000611-14-3                           | Benzene, 1-ethyl-2-methyl-        | 5900    | JD        |        |     | 6.493      |          |
|                                       | (DEL) Alkane: Straight-Chain6.564 | 8900    | JD        |        |     | 6.564      |          |
| 000108-67-8                           | Mesitylene                        | 4300    | JD        |        |     | 6.622      |          |
| 000622-96-8                           | Benzene, 1-ethyl-4-methyl-        | 4100    | JD        |        |     | 6.781      |          |
| 019549-80-5                           | 2-Heptanone, 4,6-dimethyl-        | 3800    | JD        |        |     | 6.834      |          |
|                                       | (DEL) Alkane: Straight-Chain7.028 | 35000   | JD        |        |     | 7.028      |          |
| 1000406-40-2                          | Butyl decyl ether                 | 2300    | JD        |        |     | 7.464      |          |
| 000095-63-6                           | Benzene, 1,2,4-trimethyl-         | 4400    | JD        |        |     | 7.493      |          |
|                                       | (DEL) Alkane: Straight-Chain7.575 | 2600    | JD        |        |     | 7.575      |          |
|                                       | (DEL) Alkane: Cyclic7.658         | 5800    | JD        |        |     | 7.658      |          |
| 000135-01-3                           | Benzene, 1,2-diethyl-             | 4200    | JD        |        |     | 7.869      |          |
| 001074-55-1                           | Benzene, 1-methyl-4-propyl-       | 9100    | JD        |        |     | 7.922      |          |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC95DL2     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-13DL2  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.6                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034376.D        | 30        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number   | Parameter                          | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|--------|-----------|-----|-----|------------|-------|
|              | (DEL) Alkane: Straight-Chain7.975  | 4300   | JD        |     |     | 7.975      |       |
| 000934-80-5  | Benzene, 4-ethyl-1,2-dimethyl-     | 4800   | JD        |     |     | 8.016      |       |
|              | (DEL) Alkane: Straight-Chain8.046  | 9300   | JD        |     |     | 8.046      |       |
|              | (DEL) Alkane: Straight-Chain8.152  | 7100   | JD        |     |     | 8.152      |       |
| 001758-88-9  | Benzene, 2-ethyl-1,4-dimethyl-     | 3900   | JD        |     |     | 8.328      |       |
| 000527-84-4  | o-Cymene                           | 5200   | JD        |     |     | 8.375      |       |
| 000099-87-6  | p-Cymene                           | 8700   | JD        |     |     | 8.475      |       |
|              | unknown-01                         | 2700   | JD        |     |     | 8.569      |       |
|              | (DEL) Alkane: Straight-Chain8.611  | 32000  | JD        |     |     | 8.611      |       |
| 004116-93-2  | 2,8-Decadiyne                      | 8200   | JD        |     |     | 8.722      |       |
| 000123-18-2  | 4-Nonanone, 2,6,8-trimethyl-       | 3000   | JD        |     |     | 10.275     |       |
| 006413-83-8  | 2,4-Dipropyl-5-ethyl-1,3-dioxane   | 2700   | JD        |     |     | 10.534     |       |
|              | (DEL) Alkane: Straight-Chain11.187 | 2400   | JD        |     |     | 11.187     |       |
|              | (DEL) Alkane: Straight-Chain11.593 | 4300   | JD        |     |     | 11.593     |       |
|              | (DEL) Alkane: Straight-Chain12.581 | 2700   | JD        |     |     | 12.581     |       |
|              | (DEL) Alkane: Straight-Chain12.875 | 6200   | JD        |     |     | 12.875     |       |
| 000581-42-0  | Naphthalene, 2,6-dimethyl-         | 3900   | JD        |     |     | 13.193     |       |
| 000575-37-1  | Naphthalene, 1,7-dimethyl-         | 2600   | JD        |     |     | 13.404     |       |
|              | (DEL) Alkane: Straight-Chain13.546 | 3000   | JD        |     |     | 13.546     |       |
| 000582-16-1  | Naphthalene, 2,7-dimethyl-         | 2400   | JD        |     |     | 13.593     |       |
| 1000309-19-3 | Sulfurous acid, decyl 2-ethylhexyl | 10000  | JD        |     |     | 13.969     |       |
| 1000261-34-8 | 1H-Pyrazole, 5-(t-butyl)-3-phenyl- | 3900   | JD        |     |     | 14.193     |       |
| 065539-79-9  | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d | 2400   | JD        |     |     | 14.81      |       |
|              | (DEL) Alkane: Straight-Chain14.934 | 4900   | JD        |     |     | 14.934     |       |
|              | (DEL) Alkane: Straight-Chain15.340 | 2400   | JD        |     |     | 15.34      |       |
|              | (DEL) Alkane: Straight-Chain15.798 | 4500   | JD        |     |     | 15.798     |       |
|              | (DEL) Alkane: Straight-Chain16.592 | 3300   | JD        |     |     | 16.592     |       |
|              | (DEL) Alkane: Straight-Chain17.334 | 2800   | JD        |     |     | 17.334     |       |
| 000112-39-0  | Hexadecanoic acid, methyl ester    | 2600   | JD        |     |     | 17.504     |       |
| E966796      | Total Alkanes                      | 160000 | D         |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC95DL2     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-13DL2  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.6                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034376.D        | 30        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

## Report of Analysis

|                    |            |                 |                      |
|--------------------|------------|-----------------|----------------------|
| Client:            |            | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD7DL    | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-21DL | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 21.4                 |
| Sample Wt/Vol:     | 30.1       | Units:          | g                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 500                  |
|                    |            |                 | uL                   |
| Extraction Type :  |            | Test:           |                      |
|                    | Decanted : | Level :         | LOW                  |
| Injection Volume : |            | GPC Factor :    |                      |
|                    |            | GPC Cleanup :   | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034377.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 150   | U         | 150 | 83.7 | 850        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 610   | U         | 610 | 1000 | 4200       | ug/Kg |
| 110-86-1       | Pyridine                    | 150   | U         | 150 | 2100 | 4200       | ug/Kg |
| 108-95-2       | Phenol                      | 570   | U         | 570 | 1000 | 4200       | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 440   | U         | 440 | 1000 | 4200       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 280   | U         | 280 | 540  | 2200       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 490   | U         | 490 | 1000 | 4200       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 370   | U         | 370 | 1000 | 4200       | ug/Kg |
| 98-86-2        | Acetophenone                | 750   | U         | 750 | 1000 | 4200       | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 520   | U         | 520 | 1000 | 4200       | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 470   | U         | 470 | 540  | 2200       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 200   | U         | 200 | 540  | 2200       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 340   | U         | 340 | 540  | 2200       | ug/Kg |
| 78-59-1        | Isophorone                  | 460   | U         | 460 | 540  | 2200       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 380   | U         | 380 | 540  | 2200       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 110   | U         | 110 | 540  | 2200       | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 390   | U         | 390 | 540  | 2200       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 430   | U         | 430 | 540  | 2200       | ug/Kg |
| 91-20-3        | Naphthalene                 | 480   | JD        | 420 | 540  | 2200       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 560   | U         | 560 | 540  | 4200       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 330   | U         | 330 | 540  | 2200       | ug/Kg |
| 105-60-2       | Caprolactam                 | 510   | U         | 510 | 1000 | 4200       | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 460   | U         | 460 | 540  | 2200       | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 710   | JD        | 240 | 540  | 2200       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1200  | JD        | 470 | 540  | 2200       | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 240   | U         | 240 | 1000 | 4200       | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 630   | U         | 630 | 540  | 2200       | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 620   | U         | 620 | 540  | 2200       | ug/Kg |

## Report of Analysis

|                    |               |                 |                      |
|--------------------|---------------|-----------------|----------------------|
| Client:            |               | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |               | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD7DL       | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-21DL    | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC     | % Moisture:     | 21.4                 |
| Sample Wt/Vol:     | 30.1 Units: g | Final Vol:      | 500 uL               |
| Soil Aliquot Vol:  | uL            | Test:           |                      |
| Extraction Type :  | Decanted :    | Level :         | LOW                  |
| Injection Volume : | GPC Factor :  | GPC Cleanup :   | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034377.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 580   | U         | 580  | 540  | 2200       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 560   | U         | 560  | 540  | 2200       | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 280   | U         | 280  | 540  | 2200       | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 480   | U         | 480  | 540  | 2200       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 330   | U         | 330  | 540  | 2200       | ug/Kg |
| 208-96-8   | Acenaphthylene             | 580   | U         | 580  | 540  | 2200       | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 180   | U         | 180  | 1000 | 4200       | ug/Kg |
| 83-32-9    | Acenaphthene               | 630   | U         | 630  | 540  | 2200       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 410   | U         | 410  | 1000 | 4200       | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 140   | U         | 140  | 1000 | 4200       | ug/Kg |
| 132-64-9   | Dibenzofuran               | 510   | U         | 510  | 540  | 2200       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 160   | U         | 160  | 540  | 2200       | ug/Kg |
| 84-66-2    | Diethylphthalate           | 520   | U         | 520  | 540  | 2200       | ug/Kg |
| 86-73-7    | Fluorene                   | 740   | U         | 740  | 540  | 2200       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 610   | U         | 610  | 540  | 2200       | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 200   | U         | 200  | 1000 | 4200       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 490   | U         | 490  | 1000 | 4200       | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 570   | U         | 570  | 540  | 2200       | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 570   | U         | 570  | 540  | 2200       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1300  | U         | 1300 | 540  | 2200       | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 630   | U         | 630  | 540  | 2200       | ug/Kg |
| 1912-24-9  | Atrazine                   | 140   | U         | 140  | 1000 | 4200       | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 60000 | D         | 480  | 1000 | 4200       | ug/Kg |
| 85-01-8    | Phenanthrene               | 670   | U         | 670  | 540  | 2200       | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 460   | U         | 460  | 540  | 2200       | ug/Kg |
| 120-12-7   | Anthracene                 | 600   | U         | 600  | 540  | 2200       | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 71    | U         | 71   | 540  | 2200       | ug/Kg |
| 86-74-8    | Carbazole                  | 770   | U         | 770  | 1000 | 4200       | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 720   | U         | 720  | 540  | 2200       | ug/Kg |
| 206-44-0   | Fluoranthene               | 570   | U         | 570  | 1000 | 2200       | ug/Kg |

## Report of Analysis

|                    |                    |                 |                      |
|--------------------|--------------------|-----------------|----------------------|
| Client:            |                    | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD7DL            | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-21DL         | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 21.4                 |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL          |
| Soil Aliquot Vol:  | uL                 | Test:           |                      |
| Extraction Type :  | Decanted :         | Level :         | LOW                  |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034377.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 580   | U         | 580    | 540  | 2200       | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 550   | U         | 550    | 540  | 2200       | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 320   | U         | 320    | 1000 | 4200       | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 490   | U         | 490    | 540  | 2200       | ug/Kg    |
| 218-01-9          | Chrysene                    | 580   | U         | 580    | 540  | 2200       | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 550   | U         | 550    | 540  | 2200       | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 550   | U         | 550    | 1000 | 4200       | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 610   | U         | 610    | 540  | 2200       | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 740   | U         | 740    | 540  | 2200       | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 720   | U         | 720    | 540  | 2200       | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 570   | U         | 570    | 540  | 2200       | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 660   | U         | 660    | 540  | 2200       | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 580   | U         | 580    | 540  | 2200       | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 7200  | D         | 660    | 540  | 2200       | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.02  |           | 15-120 |      | 50         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 3.4   | U         | 20-120 |      | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 14.93 |           | 10-130 |      | 37         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 16.74 |           | 10-150 |      | 42         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 17.59 |           | 15-120 |      | 44         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 13.81 |           | 10-140 |      | 35         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 16.21 |           | 10-135 |      | 41         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 15.12 |           | 10-120 |      | 38         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 15.67 |           | 10-140 |      | 39         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 10.12 |           | 1-145  |      | 25         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 18.23 |           | 10-145 |      | 46         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 18.02 |           | 15-120 |      | 45         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 0     | U         | 10-150 |      | 0          | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 19.97 |           | 20-140 |      | 50         | SPK: -40 |

## Report of Analysis

|                    |            |                 |                      |
|--------------------|------------|-----------------|----------------------|
| Client:            |            | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD7DL    | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-21DL | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 21.4                 |
| Sample Wt/Vol:     | 30.1       | Units:          | g                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 500                  |
|                    |            | Test:           | uL                   |
| Extraction Type :  |            | Decanted :      | Level :              |
|                    |            |                 | LOW                  |
| Injection Volume : |            | GPC Factor :    | GPC Cleanup :        |
|                    |            |                 | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034377.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number                            | Parameter                         | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-----------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2     | 0       | U         | 10-130 |     | 0          | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                    | 18.97   |           | 10-150 |     | 47         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                        | 20.03   |           | 10-130 |     | 50         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                | 17.24   |           | 10-140 |     | 43         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                   |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4            | 230930  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                    | 943261  | 10.134    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                  | 584773  | 14.034    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                  | 1188846 | 16.792    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                      | 1173590 | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                      | 1445070 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                   |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain5.446 | 3600    | JD        |        |     | 5.446      |          |
| 000098-82-8                           | Benzene, (1-methylethyl)-         | 1600    | JD        |        |     | 5.905      |          |
|                                       | (DEL) Alkane: Straight-Chain5.975 | 1300    | JD        |        |     | 5.975      |          |
|                                       | (DEL) Alkane: Cyclic6.046         | 1200    | JD        |        |     | 6.046      |          |
|                                       | (DEL) Alkane: Straight-Chain6.081 | 880     | JD        |        |     | 6.081      |          |
|                                       | (DEL) Alkane: Straight-Chain6.311 | 970     | JD        |        |     | 6.311      |          |
| 000103-65-1                           | Benzene, propyl-                  | 3000    | JD        |        |     | 6.381      |          |
|                                       | (DEL) Alkane: Straight-Chain6.458 | 2500    | JD        |        |     | 6.458      |          |
| 000620-14-4                           | Benzene, 1-ethyl-3-methyl-        | 6800    | JD        |        |     | 6.493      |          |
| 019549-80-5                           | 2-Heptanone, 4,6-dimethyl-        | 1800    | JD        |        |     | 6.834      |          |
|                                       | (DEL) Alkane: Straight-Chain7.028 | 20000   | JD        |        |     | 7.028      |          |
| 000104-76-7                           | 1-Hexanol, 2-ethyl-               | 3800    | JD        |        |     | 7.458      |          |
| 000108-67-8                           | Mesitylene                        | 2500    | JD        |        |     | 7.493      |          |
|                                       | (DEL) Alkane: Cyclic7.658         | 2500    | JD        |        |     | 7.658      |          |
| 000496-11-7                           | Indane                            | 2600    | JD        |        |     | 7.746      |          |
| 000873-94-9                           | Cyclohexanone, 3,3,5-trimethyl-   | 2400    | JD        |        |     | 7.811      |          |
| 000141-93-5                           | Benzene, 1,3-diethyl-             | 1800    | JD        |        |     | 7.869      |          |

## Report of Analysis

|                    |               |                 |                      |
|--------------------|---------------|-----------------|----------------------|
| Client:            |               | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |               | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD7DL       | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-21DL    | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC     | % Moisture:     | 21.4                 |
| Sample Wt/Vol:     | 30.1 Units: g | Final Vol:      | 500 uL               |
| Soil Aliquot Vol:  | uL            | Test:           |                      |
| Extraction Type :  | Decanted :    | Level :         | LOW                  |
| Injection Volume : | GPC Factor :  | GPC Cleanup :   | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034377.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number   | Parameter                           | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|-------------------------------------|-------|-----------|-----|-----|------------|-------|
| 001074-55-1  | Benzene, 1-methyl-4-propyl-         | 3800  | JD        |     |     | 7.922      |       |
|              | (DEL) Alkane: Straight-Chain7.975   | 1800  | JD        |     |     | 7.975      |       |
| 001758-88-9  | Benzene, 2-ethyl-1,4-dimethyl-      | 3300  | JD        |     |     | 8.016      |       |
|              | (DEL) Alkane: Straight-Chain8.046   | 2700  | JD        |     |     | 8.046      |       |
|              | (DEL) Alkane: Straight-Chain8.152   | 2600  | JD        |     |     | 8.152      |       |
| 001074-17-5  | Benzene, 1-methyl-2-propyl-         | 2000  | JD        |     |     | 8.175      |       |
| 000933-98-2  | Benzene, 1-ethyl-2,3-dimethyl-      | 1800  | JD        |     |     | 8.328      |       |
| 000535-77-3  | Benzene, 1-methyl-3-(1-methylethyl) | 2600  | JD        |     |     | 8.375      |       |
| 000934-80-5  | Benzene, 4-ethyl-1,2-dimethyl-      | 4000  | JD        |     |     | 8.475      |       |
|              | (DEL) Alkane: Straight-Chain8.610   | 10000 | JD        |     |     | 8.61       |       |
| 000149-57-5  | Hexanoic acid, 2-ethyl-             | 4400  | JD        |     |     | 8.71       |       |
|              | (DEL) Alkane: Straight-Chain12.875  | 1500  | JD        |     |     | 12.875     |       |
| 000575-43-9  | Naphthalene, 1,6-dimethyl-          | 2400  | JD        |     |     | 13.193     |       |
| 000581-40-8  | Naphthalene, 2,3-dimethyl-          | 1600  | JD        |     |     | 13.351     |       |
| 000582-16-1  | Naphthalene, 2,7-dimethyl-          | 1400  | JD        |     |     | 13.404     |       |
|              | (DEL) Alkane: Straight-Chain13.969  | 1400  | JD        |     |     | 13.969     |       |
| 002027-17-0  | Naphthalene, 2-(1-methylethyl)-     | 1300  | JD        |     |     | 14.257     |       |
| 002131-42-2  | Naphthalene, 1,4,6-trimethyl-       | 1100  | JD        |     |     | 14.445     |       |
|              | (DEL) Alkane: Straight-Chain14.934  | 1300  | JD        |     |     | 14.934     |       |
|              | (DEL) Alkane: Straight-Chain15.340  | 1000  | JD        |     |     | 15.34      |       |
|              | (DEL) Alkane: Straight-Chain15.798  | 1600  | JD        |     |     | 15.798     |       |
|              | (DEL) Alkane: Straight-Chain16.592  | 1500  | JD        |     |     | 16.592     |       |
|              | (DEL) Alkane: Straight-Chain17.334  | 1300  | JD        |     |     | 17.334     |       |
| 000112-39-0  | Hexadecanoic acid, methyl ester     | 3300  | JD        |     |     | 17.504     |       |
|              | (DEL) Alkane: Straight-Chain18.028  | 1100  | JD        |     |     | 18.028     |       |
| 000112-62-9  | 9-Octadecenoic acid (Z)-, methyl e  | 3400  | JD        |     |     | 18.692     |       |
| 000112-61-8  | Methyl stearate                     | 1100  | JD        |     |     | 18.834     |       |
|              | (DEL) Alkane: Straight-Chain20.775  | 980   | JD        |     |     | 20.775     |       |
| 1000309-39-7 | Oxalic acid, 2-ethylhexyl tetradec  | 1100  | JD        |     |     | 21.769     |       |
| E966796      | Total Alkanes                       | 62000 | D         |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |                    |                 |                      |
|--------------------|--------------------|-----------------|----------------------|
| Client:            |                    | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD7DL            | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-21DL         | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 21.4                 |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL          |
| Soil Aliquot Vol:  | uL                 | Test:           |                      |
| Extraction Type :  | Decanted :         | Level :         | LOW                  |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034377.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

## Report of Analysis

|                    |                       |                 |                      |
|--------------------|-----------------------|-----------------|----------------------|
| Client:            |                       | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD7DL2              | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-21DL2           | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 21.4                 |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                      |
| Extraction Type :  | Decanted :            | Level :         | LOW                  |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034378.D        | 20        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 300   | U         | 300  | 170  | 1700       | ug/Kg |
| 100-52-7       | Benzaldehyde                | 1200  | U         | 1200 | 2100 | 8400       | ug/Kg |
| 110-86-1       | Pyridine                    | 300   | U         | 300  | 4200 | 8400       | ug/Kg |
| 108-95-2       | Phenol                      | 1100  | U         | 1100 | 2100 | 8400       | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 890   | U         | 890  | 2100 | 8400       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 560   | U         | 560  | 1100 | 4300       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 990   | U         | 990  | 2100 | 8400       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 740   | U         | 740  | 2100 | 8400       | ug/Kg |
| 98-86-2        | Acetophenone                | 1500  | U         | 1500 | 2100 | 8400       | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 1000  | U         | 1000 | 2100 | 8400       | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 940   | U         | 940  | 1100 | 4300       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 410   | U         | 410  | 1100 | 4300       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 680   | U         | 680  | 1100 | 4300       | ug/Kg |
| 78-59-1        | Isophorone                  | 910   | U         | 910  | 1100 | 4300       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 760   | U         | 760  | 1100 | 4300       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 220   | U         | 220  | 1100 | 4300       | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 790   | U         | 790  | 1100 | 4300       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 860   | U         | 860  | 1100 | 4300       | ug/Kg |
| 91-20-3        | Naphthalene                 | 1300  | JD        | 840  | 1100 | 4300       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 1100  | U         | 1100 | 1100 | 8400       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 660   | U         | 660  | 1100 | 4300       | ug/Kg |
| 105-60-2       | Caprolactam                 | 1000  | U         | 1000 | 2100 | 8400       | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 910   | U         | 910  | 1100 | 4300       | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 2000  | JD        | 480  | 1100 | 4300       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 3400  | JD        | 940  | 1100 | 4300       | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 480   | U         | 480  | 2100 | 8400       | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1300  | U         | 1300 | 1100 | 4300       | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1200  | U         | 1200 | 1100 | 4300       | ug/Kg |

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|                    |                       |                 |                      |
|--------------------|-----------------------|-----------------|----------------------|
| Client:            |                       | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD7DL2              | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-21DL2           | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 21.4                 |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                      |
| Extraction Type :  | Decanted :            | Level :         | LOW                  |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034378.D        | 20        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number | Parameter                  | Conc.  | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|--------|-----------|------|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1200   | U         | 1200 | 1100 | 4300       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 1100   | U         | 1100 | 1100 | 4300       | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 560    | U         | 560  | 1100 | 4300       | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 960    | U         | 960  | 1100 | 4300       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 660    | U         | 660  | 1100 | 4300       | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1200   | U         | 1200 | 1100 | 4300       | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 360    | U         | 360  | 2100 | 8400       | ug/Kg |
| 83-32-9    | Acenaphthene               | 1300   | U         | 1300 | 1100 | 4300       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 810    | U         | 810  | 2100 | 8400       | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 280    | U         | 280  | 2100 | 8400       | ug/Kg |
| 132-64-9   | Dibenzofuran               | 1000   | U         | 1000 | 1100 | 4300       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 330    | U         | 330  | 1100 | 4300       | ug/Kg |
| 84-66-2    | Diethylphthalate           | 1000   | U         | 1000 | 1100 | 4300       | ug/Kg |
| 86-73-7    | Fluorene                   | 1500   | U         | 1500 | 1100 | 4300       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1200   | U         | 1200 | 1100 | 4300       | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 410    | U         | 410  | 2100 | 8400       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 990    | U         | 990  | 2100 | 8400       | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1100   | U         | 1100 | 1100 | 4300       | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1100   | U         | 1100 | 1100 | 4300       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 2500   | U         | 2500 | 1100 | 4300       | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1300   | U         | 1300 | 1100 | 4300       | ug/Kg |
| 1912-24-9  | Atrazine                   | 280    | U         | 280  | 2100 | 8400       | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 170000 | ED        | 960  | 2100 | 8400       | ug/Kg |
| 85-01-8    | Phenanthrene               | 1300   | U         | 1300 | 1100 | 4300       | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 910    | U         | 910  | 1100 | 4300       | ug/Kg |
| 120-12-7   | Anthracene                 | 1200   | U         | 1200 | 1100 | 4300       | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 140    | U         | 140  | 1100 | 4300       | ug/Kg |
| 86-74-8    | Carbazole                  | 1500   | U         | 1500 | 2100 | 8400       | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1400   | U         | 1400 | 1100 | 4300       | ug/Kg |
| 206-44-0   | Fluoranthene               | 1100   | U         | 1100 | 2100 | 4300       | ug/Kg |

## Report of Analysis

|                    |                    |                 |                      |
|--------------------|--------------------|-----------------|----------------------|
| Client:            |                    | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD7DL2           | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-21DL2        | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 21.4                 |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL          |
| Soil Aliquot Vol:  | uL                 | Test:           |                      |
| Extraction Type :  | Decanted :         | Level :         | LOW                  |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034378.D        | 20        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1200  | U         | 1200   | 1100 | 4300       | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1100  | U         | 1100   | 1100 | 4300       | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 630   | U         | 630    | 2100 | 8400       | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 990   | U         | 990    | 1100 | 4300       | ug/Kg    |
| 218-01-9          | Chrysene                    | 1200  | U         | 1200   | 1100 | 4300       | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1100  | U         | 1100   | 1100 | 4300       | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1100  | U         | 1100   | 2100 | 8400       | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1200  | U         | 1200   | 1100 | 4300       | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1500  | U         | 1500   | 1100 | 4300       | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1400  | U         | 1400   | 1100 | 4300       | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1100  | U         | 1100   | 1100 | 4300       | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1300  | U         | 1300   | 1100 | 4300       | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1200  | U         | 1200   | 1100 | 4300       | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 19000 | D         | 1300   | 1100 | 4300       | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 12.14 | *         | 15-120 |      | 152        | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 6.8   | U         | 20-120 |      | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 40.82 |           | 10-130 |      | 102        | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 47.06 |           | 10-150 |      | 118        | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 48.1  |           | 15-120 |      | 120        | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 36.42 |           | 10-140 |      | 91         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 43.54 |           | 10-135 |      | 109        | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 40.98 |           | 10-120 |      | 102        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 42.86 |           | 10-140 |      | 107        | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.02 |           | 1-145  |      | 60         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 50.1  |           | 10-145 |      | 125        | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 49.84 | *         | 15-120 |      | 125        | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 0     | U         | 10-150 |      | 0          | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 54.04 |           | 20-140 |      | 135        | SPK: -40 |

## Report of Analysis

|                    |               |                 |                      |
|--------------------|---------------|-----------------|----------------------|
| Client:            |               | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |               | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD7DL2      | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-21DL2   | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC     | % Moisture:     | 21.4                 |
| Sample Wt/Vol:     | 30.1 Units: g | Final Vol:      | 500 uL               |
| Soil Aliquot Vol:  | uL            | Test:           |                      |
| Extraction Type :  | Decanted :    | Level :         | LOW                  |
| Injection Volume : | GPC Factor :  | GPC Cleanup :   | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034378.D        | 20        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number                            | Parameter                         | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-----------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2     | 20.62  |           | 10-130 |     | 52         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                    | 53.12  |           | 10-150 |     | 133        | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                        | 52.3   | *         | 10-130 |     | 131        | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                | 49.32  |           | 10-140 |     | 123        | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                   |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4            | 141934 | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                    | 561480 | 10.134    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                  | 352660 | 14.034    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                  | 722347 | 16.792    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                      | 750891 | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                      | 906625 | 23.733    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                   |        |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain5.446 | 9000   | JD        |        |     | 5.446      |          |
| 000098-82-8                           | Benzene, (1-methylethyl)-         | 3800   | JD        |        |     | 5.905      |          |
|                                       | (DEL) Alkane: Straight-Chain5.975 | 3200   | JD        |        |     | 5.975      |          |
| 013395-76-1                           | Cyclohexanone, 2,3-dimethyl-      | 3000   | JD        |        |     | 6.046      |          |
|                                       | (DEL) Alkane: Straight-Chain6.081 | 2200   | JD        |        |     | 6.081      |          |
|                                       | (DEL) Alkane: Straight-Chain6.311 | 2500   | JD        |        |     | 6.311      |          |
| 000103-65-1                           | Benzene, propyl-                  | 7600   | JD        |        |     | 6.381      |          |
|                                       | (DEL) Alkane: Straight-Chain6.458 | 6100   | JD        |        |     | 6.458      |          |
| 000620-14-4                           | Benzene, 1-ethyl-3-methyl-        | 17000  | JD        |        |     | 6.493      |          |
| 019549-80-5                           | 2-Heptanone, 4,6-dimethyl-        | 4500   | JD        |        |     | 6.834      |          |
|                                       | (DEL) Alkane: Straight-Chain7.028 | 50000  | JD        |        |     | 7.028      |          |
| 000104-76-7                           | 1-Hexanol, 2-ethyl-               | 9700   | JD        |        |     | 7.463      |          |
| 000108-67-8                           | Mesitylene                        | 6300   | JD        |        |     | 7.493      |          |
|                                       | (DEL) Alkane: Straight-Chain7.575 | 2100   | JD        |        |     | 7.575      |          |
|                                       | (DEL) Alkane: Cyclic7.658         | 6100   | JD        |        |     | 7.658      |          |
| 000496-11-7                           | Indane                            | 6300   | JD        |        |     | 7.746      |          |
| 000873-94-9                           | Cyclohexanone, 3,3,5-trimethyl-   | 6000   | JD        |        |     | 7.811      |          |

## Report of Analysis

|                    |              |                 |                      |
|--------------------|--------------|-----------------|----------------------|
| Client:            |              | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD7DL2     | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-21DL2  | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 21.4                 |
| Sample Wt/Vol:     | 30.1         | Units:          | g                    |
| Soil Aliquot Vol:  |              | Final Vol:      | 500                  |
|                    |              |                 | uL                   |
| Extraction Type :  |              | Test:           |                      |
|                    | Decanted :   | Level :         | LOW                  |
| Injection Volume : |              | GPC Cleanup :   |                      |
|                    | GPC Factor : |                 | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034378.D        | 20        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number   | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 000135-01-3  | Benzene, 1,2-diethyl-              | 4500  | JD        |     |     | 7.869      |       |
| 001074-55-1  | Benzene, 1-methyl-4-propyl-        | 9700  | JD        |     |     | 7.922      |       |
|              | (DEL) Alkane: Straight-Chain7.975  | 4700  | JD        |     |     | 7.975      |       |
| 001758-88-9  | Benzene, 2-ethyl-1,4-dimethyl-     | 8400  | JD        |     |     | 8.016      |       |
|              | (DEL) Alkane: Straight-Chain8.046  | 6700  | JD        |     |     | 8.046      |       |
|              | (DEL) Alkane: Straight-Chain8.152  | 6700  | JD        |     |     | 8.152      |       |
| 001074-17-5  | Benzene, 1-methyl-2-propyl-        | 5000  | JD        |     |     | 8.175      |       |
| 000527-84-4  | o-Cymene                           | 4600  | JD        |     |     | 8.322      |       |
| 000099-87-6  | p-Cymene                           | 6700  | JD        |     |     | 8.375      |       |
| 000535-77-3  | Benzene, 1-methyl-3-(1-methylethyl | 11000 | JD        |     |     | 8.475      |       |
|              | (DEL) Alkane: Straight-Chain8.610  | 26000 | JD        |     |     | 8.61       |       |
| 000149-57-5  | Hexanoic acid, 2-ethyl-            | 11000 | JD        |     |     | 8.705      |       |
|              | unknown-01                         | 2000  | JD        |     |     | 12.599     |       |
|              | (DEL) Alkane: Straight-Chain12.875 | 3900  | JD        |     |     | 12.875     |       |
| 000575-41-7  | Naphthalene, 1,3-dimethyl-         | 6100  | JD        |     |     | 13.193     |       |
| 000571-58-4  | Naphthalene, 1,4-dimethyl-         | 4400  | JD        |     |     | 13.351     |       |
| 000573-98-8  | Naphthalene, 1,2-dimethyl-         | 3600  | JD        |     |     | 13.404     |       |
| 000581-40-8  | Naphthalene, 2,3-dimethyl-         | 3200  | JD        |     |     | 13.593     |       |
|              | (DEL) Alkane: Straight-Chain13.969 | 3600  | JD        |     |     | 13.969     |       |
| 1000187-78-5 | 3-(2-Methyl-propenyl)-1H-indene    | 3500  | JD        |     |     | 14.257     |       |
| 000829-26-5  | Naphthalene, 2,3,6-trimethyl-      | 2900  | JD        |     |     | 14.445     |       |
| 002245-38-7  | Naphthalene, 1,6,7-trimethyl-      | 2000  | JD        |     |     | 14.522     |       |
| 000544-77-4  | Hexadecane, 1-iodo-                | 3500  | JD        |     |     | 14.934     |       |
|              | (DEL) Alkane: Straight-Chain15.339 | 2600  | JD        |     |     | 15.339     |       |
|              | (DEL) Alkane: Straight-Chain15.798 | 4500  | JD        |     |     | 15.798     |       |
|              | (DEL) Alkane: Straight-Chain16.592 | 4000  | JD        |     |     | 16.592     |       |
|              | (DEL) Alkane: Straight-Chain16.645 | 1800  | JD        |     |     | 16.645     |       |
|              | (DEL) Alkane: Straight-Chain17.334 | 3400  | JD        |     |     | 17.334     |       |
| 000112-39-0  | Hexadecanoic acid, methyl ester    | 9000  | JD        |     |     | 17.504     |       |
|              | (DEL) Alkane: Straight-Chain18.022 | 3200  | JD        |     |     | 18.022     |       |

## Report of Analysis

|                    |                    |                 |                      |
|--------------------|--------------------|-----------------|----------------------|
| Client:            |                    | Date Collected: | 9/9/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/9/2024 12:00:00 AM |
| Client Sample ID:  | DDCD7DL2           | SDG No.:        | BN100224             |
| Lab Sample ID:     | P4017-21DL2        | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 21.4                 |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL          |
| Soil Aliquot Vol:  | uL                 | Test:           |                      |
| Extraction Type :  | Decanted :         | Level :         | LOW                  |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                 |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034378.D        | 20        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number   | Parameter                          | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|--------|-----------|-----|-----|------------|-------|
| 000112-62-9  | 9-Octadecenoic acid (Z)-, methyl e | 9000   | JD        |     |     | 18.692     |       |
| 000112-61-8  | Methyl stearate                    | 3000   | JD        |     |     | 18.828     |       |
| 1000309-39-3 | Oxalic acid, decyl 2-ethylhexyl es | 2600   | JD        |     |     | 20.769     |       |
|              | (DEL) Alkane: Straight-Chain21.769 | 2900   | JD        |     |     | 21.769     |       |
| E966796      | Total Alkanes                      | 160000 | D         |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC85DL    | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-10DL | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 14.5                  |
| Sample Wt/Vol:     | 30.1       | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 500                   |
|                    |            |                 | uL                    |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034379.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 140   | U         | 140 | 76.9 | 780        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 560   | U         | 560 | 960  | 3800       | ug/Kg |
| 110-86-1       | Pyridine                    | 140   | U         | 140 | 1900 | 3800       | ug/Kg |
| 108-95-2       | Phenol                      | 520   | U         | 520 | 960  | 3800       | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 410   | U         | 410 | 960  | 3800       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 260   | U         | 260 | 500  | 2000       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 450   | U         | 450 | 960  | 3800       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 340   | U         | 340 | 960  | 3800       | ug/Kg |
| 98-86-2        | Acetophenone                | 690   | U         | 690 | 960  | 3800       | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 480   | U         | 480 | 960  | 3800       | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 430   | U         | 430 | 500  | 2000       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 190   | U         | 190 | 500  | 2000       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 310   | U         | 310 | 500  | 2000       | ug/Kg |
| 78-59-1        | Isophorone                  | 420   | U         | 420 | 500  | 2000       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 350   | U         | 350 | 500  | 2000       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 99    | U         | 99  | 500  | 2000       | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 360   | U         | 360 | 500  | 2000       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 400   | U         | 400 | 500  | 2000       | ug/Kg |
| 91-20-3        | Naphthalene                 | 380   | U         | 380 | 500  | 2000       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 510   | U         | 510 | 500  | 3800       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 300   | U         | 300 | 500  | 2000       | ug/Kg |
| 105-60-2       | Caprolactam                 | 470   | U         | 470 | 960  | 3800       | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 420   | U         | 420 | 500  | 2000       | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 220   | U         | 220 | 500  | 2000       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 430   | U         | 430 | 500  | 2000       | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 220   | U         | 220 | 960  | 3800       | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 580   | U         | 580 | 500  | 2000       | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 570   | U         | 570 | 500  | 2000       | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC85DL    | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-10DL | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 14.5                  |
| Sample Wt/Vol:     | 30.1       | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 500                   |
|                    |            |                 | uL                    |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034379.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 540   | U         | 540  | 500 | 2000       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 510   | U         | 510  | 500 | 2000       | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 260   | U         | 260  | 500 | 2000       | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 440   | U         | 440  | 500 | 2000       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 300   | U         | 300  | 500 | 2000       | ug/Kg |
| 208-96-8   | Acenaphthylene             | 540   | U         | 540  | 500 | 2000       | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 160   | U         | 160  | 960 | 3800       | ug/Kg |
| 83-32-9    | Acenaphthene               | 580   | U         | 580  | 500 | 2000       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 370   | U         | 370  | 960 | 3800       | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 130   | U         | 130  | 960 | 3800       | ug/Kg |
| 132-64-9   | Dibenzofuran               | 470   | U         | 470  | 500 | 2000       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 150   | U         | 150  | 500 | 2000       | ug/Kg |
| 84-66-2    | Diethylphthalate           | 480   | U         | 480  | 500 | 2000       | ug/Kg |
| 86-73-7    | Fluorene                   | 680   | U         | 680  | 500 | 2000       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 560   | U         | 560  | 500 | 2000       | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 190   | U         | 190  | 960 | 3800       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 450   | U         | 450  | 960 | 3800       | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 520   | U         | 520  | 500 | 2000       | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 520   | U         | 520  | 500 | 2000       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1200  | U         | 1200 | 500 | 2000       | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 580   | U         | 580  | 500 | 2000       | ug/Kg |
| 1912-24-9  | Atrazine                   | 130   | U         | 130  | 960 | 3800       | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 16000 | D         | 440  | 960 | 3800       | ug/Kg |
| 85-01-8    | Phenanthrene               | 620   | U         | 620  | 500 | 2000       | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 420   | U         | 420  | 500 | 2000       | ug/Kg |
| 120-12-7   | Anthracene                 | 550   | U         | 550  | 500 | 2000       | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 65    | U         | 65   | 500 | 2000       | ug/Kg |
| 86-74-8    | Carbazole                  | 710   | U         | 710  | 960 | 3800       | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 660   | U         | 660  | 500 | 2000       | ug/Kg |
| 206-44-0   | Fluoranthene               | 520   | U         | 520  | 960 | 2000       | ug/Kg |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC85DL            | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-10DL         | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 14.5                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034379.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 540   | U         | 540    | 500 | 2000       | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 500   | U         | 500    | 500 | 2000       | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 290   | U         | 290    | 960 | 3800       | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 450   | U         | 450    | 500 | 2000       | ug/Kg    |
| 218-01-9          | Chrysene                    | 540   | U         | 540    | 500 | 2000       | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 500   | U         | 500    | 500 | 2000       | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 500   | U         | 500    | 960 | 3800       | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 560   | U         | 560    | 500 | 2000       | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 680   | U         | 680    | 500 | 2000       | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 660   | U         | 660    | 500 | 2000       | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 520   | U         | 520    | 500 | 2000       | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 610   | U         | 610    | 500 | 2000       | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 540   | U         | 540    | 500 | 2000       | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1200  | JD        | 610    | 500 | 2000       | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.21  |           | 15-120 |     | 65         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 16.02 |           | 20-120 |     | 40         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 21.32 |           | 10-130 |     | 53         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 23.2  |           | 10-150 |     | 58         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.85 |           | 15-120 |     | 62         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 19.67 |           | 10-140 |     | 49         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 23.65 |           | 10-135 |     | 59         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 20.82 |           | 10-120 |     | 52         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 24.24 |           | 10-140 |     | 61         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 20.24 |           | 1-145  |     | 51         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 29.28 |           | 10-145 |     | 73         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 29.92 |           | 15-120 |     | 75         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 0     | U         | 10-150 |     | 0          | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 33.29 |           | 20-140 |     | 83         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC85DL            | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-10DL         | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 14.5                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034379.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number                            | Parameter                         | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-----------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2     | 0       | U         | 10-130 |     | 0          | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                    | 32.2    |           | 10-150 |     | 81         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                        | 35.55   |           | 10-130 |     | 89         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                | 30.88   |           | 10-140 |     | 77         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                   |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4            | 222758  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                    | 898096  | 10.134    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                  | 574760  | 14.034    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                  | 1208446 | 16.792    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                      | 1177116 | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                      | 1477045 | 23.733    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                   |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain8.610 | 780     | JD        |        |     | 8.61       |          |
| E966796                               | Total Alkanes                     | 780     | D         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC94DL    | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-12DL | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 13.5                  |
| Sample Wt/Vol:     | 30.1       | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 500                   |
|                    |            | Test:           | uL                    |
| Extraction Type :  |            | Decanted :      | Level :               |
|                    |            |                 | LOW                   |
| Injection Volume : |            | GPC Factor :    | GPC Cleanup :         |
|                    |            |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034380.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 140   | U         | 140 | 76   | 770        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 550   | U         | 550 | 950  | 3800       | ug/Kg |
| 110-86-1       | Pyridine                    | 140   | U         | 140 | 1900 | 3800       | ug/Kg |
| 108-95-2       | Phenol                      | 520   | U         | 520 | 950  | 3800       | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 400   | U         | 400 | 950  | 3800       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 250   | U         | 250 | 490  | 2000       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 450   | U         | 450 | 950  | 3800       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 330   | U         | 330 | 950  | 3800       | ug/Kg |
| 98-86-2        | Acetophenone                | 680   | U         | 680 | 950  | 3800       | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 470   | U         | 470 | 950  | 3800       | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 430   | U         | 430 | 490  | 2000       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 180   | U         | 180 | 490  | 2000       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 310   | U         | 310 | 490  | 2000       | ug/Kg |
| 78-59-1        | Isophorone                  | 410   | U         | 410 | 490  | 2000       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 350   | U         | 350 | 490  | 2000       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 98    | U         | 98  | 490  | 2000       | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 360   | U         | 360 | 490  | 2000       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 390   | U         | 390 | 490  | 2000       | ug/Kg |
| 91-20-3        | Naphthalene                 | 380   | U         | 380 | 490  | 2000       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 510   | U         | 510 | 490  | 3800       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 300   | U         | 300 | 490  | 2000       | ug/Kg |
| 105-60-2       | Caprolactam                 | 460   | U         | 460 | 950  | 3800       | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 410   | U         | 410 | 490  | 2000       | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 220   | U         | 220 | 490  | 2000       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 430   | U         | 430 | 490  | 2000       | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 220   | U         | 220 | 950  | 3800       | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 580   | U         | 580 | 490  | 2000       | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 560   | U         | 560 | 490  | 2000       | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC94DL    | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-12DL | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 13.5                  |
| Sample Wt/Vol:     | 30.1       | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 500                   |
|                    |            |                 | uL                    |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034380.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 530   | U         | 530  | 490 | 2000       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 510   | U         | 510  | 490 | 2000       | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 250   | U         | 250  | 490 | 2000       | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 440   | U         | 440  | 490 | 2000       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 300   | U         | 300  | 490 | 2000       | ug/Kg |
| 208-96-8   | Acenaphthylene             | 530   | U         | 530  | 490 | 2000       | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 160   | U         | 160  | 950 | 3800       | ug/Kg |
| 83-32-9    | Acenaphthene               | 580   | U         | 580  | 490 | 2000       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 370   | U         | 370  | 950 | 3800       | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 130   | U         | 130  | 950 | 3800       | ug/Kg |
| 132-64-9   | Dibenzofuran               | 460   | U         | 460  | 490 | 2000       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 150   | U         | 150  | 490 | 2000       | ug/Kg |
| 84-66-2    | Diethylphthalate           | 470   | U         | 470  | 490 | 2000       | ug/Kg |
| 86-73-7    | Fluorene                   | 670   | U         | 670  | 490 | 2000       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 550   | U         | 550  | 490 | 2000       | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 180   | U         | 180  | 950 | 3800       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 450   | U         | 450  | 950 | 3800       | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 520   | U         | 520  | 490 | 2000       | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 520   | U         | 520  | 490 | 2000       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1100  | U         | 1100 | 490 | 2000       | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 580   | U         | 580  | 490 | 2000       | ug/Kg |
| 1912-24-9  | Atrazine                   | 130   | U         | 130  | 950 | 3800       | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 12000 | D         | 440  | 950 | 3800       | ug/Kg |
| 85-01-8    | Phenanthrene               | 610   | U         | 610  | 490 | 2000       | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 410   | U         | 410  | 490 | 2000       | ug/Kg |
| 120-12-7   | Anthracene                 | 540   | U         | 540  | 490 | 2000       | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 65    | U         | 65   | 490 | 2000       | ug/Kg |
| 86-74-8    | Carbazole                  | 700   | U         | 700  | 950 | 3800       | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 660   | U         | 660  | 490 | 2000       | ug/Kg |
| 206-44-0   | Fluoranthene               | 520   | U         | 520  | 950 | 2000       | ug/Kg |

## Report of Analysis

|                    |               |                 |                       |
|--------------------|---------------|-----------------|-----------------------|
| Client:            |               | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |               | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC94DL       | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-12DL    | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC     | % Moisture:     | 13.5                  |
| Sample Wt/Vol:     | 30.1 Units: g | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL            | Test:           |                       |
| Extraction Type :  | Decanted :    | Level :         | LOW                   |
| Injection Volume : | GPC Factor :  | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034380.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 530   | U         | 530    | 490 | 2000       | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 500   | U         | 500    | 490 | 2000       | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 290   | U         | 290    | 950 | 3800       | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 450   | U         | 450    | 490 | 2000       | ug/Kg    |
| 218-01-9          | Chrysene                    | 530   | U         | 530    | 490 | 2000       | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 500   | U         | 500    | 490 | 2000       | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 500   | U         | 500    | 950 | 3800       | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 550   | U         | 550    | 490 | 2000       | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 670   | U         | 670    | 490 | 2000       | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 660   | U         | 660    | 490 | 2000       | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 520   | U         | 520    | 490 | 2000       | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 600   | U         | 600    | 490 | 2000       | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 530   | U         | 530    | 490 | 2000       | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 880   | JD        | 600    | 490 | 2000       | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 6.59  |           | 15-120 |     | 82         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 17.46 |           | 20-120 |     | 44         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 20.76 |           | 10-130 |     | 52         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 22.46 |           | 10-150 |     | 56         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 23.36 |           | 15-120 |     | 58         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 17.83 |           | 10-140 |     | 45         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 20.22 |           | 10-135 |     | 51         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 18.73 |           | 10-120 |     | 47         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 19.95 |           | 10-140 |     | 50         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 16.5  |           | 1-145  |     | 41         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 25.25 |           | 10-145 |     | 63         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 24.93 |           | 15-120 |     | 62         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 0     | U         | 10-150 |     | 0          | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 27.24 |           | 20-140 |     | 68         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DDC94DL            | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4017-12DL         | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 13.5                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034380.D        | 10        | 9/18/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163489      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 0       | U         | 10-130 |     | 0          | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 27.34   |           | 10-150 |     | 68         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 26.56   |           | 10-130 |     | 66         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 24.67   |           | 10-140 |     | 62         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 255858  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1062864 | 10.134    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 663532  | 14.033    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1391306 | 16.792    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1497175 | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1818514 | 23.733    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 530     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DCYM7     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4084-09  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 20.2                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034381.D        | 1         | 9/23/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163635      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 8.2  | 83         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 60    | U         | 60  | 100  | 410        | ug/Kg |
| 110-86-1       | Pyridine                    | 15    | U         | 15  | 210  | 410        | ug/Kg |
| 108-95-2       | Phenol                      | 56    | U         | 56  | 100  | 410        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 44    | U         | 44  | 100  | 410        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 27    | U         | 27  | 53.1 | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 49    | U         | 49  | 100  | 410        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 36    | U         | 36  | 100  | 410        | ug/Kg |
| 98-86-2        | Acetophenone                | 74    | U         | 74  | 100  | 410        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 51    | U         | 51  | 100  | 410        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 46    | U         | 46  | 53.1 | 210        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 20    | U         | 20  | 53.1 | 210        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 34    | U         | 34  | 53.1 | 210        | ug/Kg |
| 78-59-1        | Isophorone                  | 45    | U         | 45  | 53.1 | 210        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 37    | U         | 37  | 53.1 | 210        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 11    | U         | 11  | 53.1 | 210        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 39    | U         | 39  | 53.1 | 210        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 42    | U         | 42  | 53.1 | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 41    | U         | 41  | 53.1 | 210        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 55    | U         | 55  | 53.1 | 410        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 32    | U         | 32  | 53.1 | 210        | ug/Kg |
| 105-60-2       | Caprolactam                 | 50    | U         | 50  | 100  | 410        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 45    | U         | 45  | 53.1 | 210        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 24    | U         | 24  | 53.1 | 210        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 46    | U         | 46  | 53.1 | 210        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 24    | U         | 24  | 100  | 410        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 62    | U         | 62  | 53.1 | 210        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 61    | U         | 61  | 53.1 | 210        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DCYM7     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4084-09  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 20.2                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034381.D        | 1         | 9/23/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163635      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 57    | U         | 57  | 53.1 | 210        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 55    | U         | 55  | 53.1 | 210        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 27    | U         | 27  | 53.1 | 210        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 47    | U         | 47  | 53.1 | 210        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 32    | U         | 32  | 53.1 | 210        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 57    | U         | 57  | 53.1 | 210        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 17    | U         | 17  | 100  | 410        | ug/Kg |
| 83-32-9    | Acenaphthene               | 62    | U         | 62  | 53.1 | 210        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 40    | U         | 40  | 100  | 410        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 14    | U         | 14  | 100  | 410        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 50    | U         | 50  | 53.1 | 210        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 16    | U         | 16  | 53.1 | 210        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 51    | U         | 51  | 53.1 | 210        | ug/Kg |
| 86-73-7    | Fluorene                   | 72    | U         | 72  | 53.1 | 210        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 60    | U         | 60  | 53.1 | 210        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 20    | U         | 20  | 100  | 410        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 49    | U         | 49  | 100  | 410        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 56    | U         | 56  | 53.1 | 210        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 56    | U         | 56  | 53.1 | 210        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 120   | U         | 120 | 53.1 | 210        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 62    | U         | 62  | 53.1 | 210        | ug/Kg |
| 1912-24-9  | Atrazine                   | 14    | U         | 14  | 100  | 410        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 47    | U         | 47  | 100  | 410        | ug/Kg |
| 85-01-8    | Phenanthrene               | 66    | U         | 66  | 53.1 | 210        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 45    | U         | 45  | 53.1 | 210        | ug/Kg |
| 120-12-7   | Anthracene                 | 59    | U         | 59  | 53.1 | 210        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 7     | U         | 7   | 53.1 | 210        | ug/Kg |
| 86-74-8    | Carbazole                  | 76    | U         | 76  | 100  | 410        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 71    | U         | 71  | 53.1 | 210        | ug/Kg |
| 206-44-0   | Fluoranthene               | 56    | U         | 56  | 100  | 210        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DCYM7     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4084-09  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 20.2                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034381.D        | 1         | 9/23/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163635      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 57     | U         | 57     | 53.1 | 210        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 54     | U         | 54     | 53.1 | 210        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 31     | U         | 31     | 100  | 410        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 49     | U         | 49     | 53.1 | 210        | ug/Kg    |
| 218-01-9          | Chrysene                    | 57     | U         | 57     | 53.1 | 210        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 54     | U         | 54     | 53.1 | 210        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 54     | U         | 54     | 100  | 410        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 60     | U         | 60     | 53.1 | 210        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 72     | U         | 72     | 53.1 | 210        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 71     | U         | 71     | 53.1 | 210        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 56     | U         | 56     | 53.1 | 210        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 65     | U         | 65     | 53.1 | 210        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 57     | U         | 57     | 53.1 | 210        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 65     | U         | 65     | 53.1 | 210        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.259  |           | 15-120 |      | 28         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 4.09   | *         | 20-120 |      | 10         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 9.985  |           | 10-130 |      | 25         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 10.232 |           | 10-150 |      | 26         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 11.553 |           | 15-120 |      | 29         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 9.784  |           | 10-140 |      | 24         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 12.186 |           | 10-135 |      | 30         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 11.652 |           | 10-120 |      | 29         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 11.816 |           | 10-140 |      | 30         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 10.092 |           | 1-145  |      | 25         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 12.871 |           | 10-145 |      | 32         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 13.418 |           | 15-120 |      | 34         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 4.791  |           | 10-150 |      | 12         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 13.719 |           | 20-140 |      | 34         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DCYM7              | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4084-09           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 20.2                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034381.D        | 1         | 9/23/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163635      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 6.078   |           | 10-130 |     | 15         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 14.024  |           | 10-150 |     | 35         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 14.341  |           | 10-130 |     | 36         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 14.144  |           | 10-140 |     | 35         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 207823  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 769046  | 10.134    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 442982  | 14.033    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 867622  | 16.792    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 857851  | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1066702 | 23.733    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 120     | J         |        |     | 15.416     |          |
| E966796                               | Total Alkanes                 | 57      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DCYM6        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4084-08     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 19.3                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034382.D        | 1         | 9/23/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163635      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 8.2  | 83         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 59    | U         | 59  | 100  | 410        | ug/Kg |
| 110-86-1       | Pyridine                    | 15    | U         | 15  | 200  | 410        | ug/Kg |
| 108-95-2       | Phenol                      | 56    | U         | 56  | 100  | 410        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 43    | U         | 43  | 100  | 410        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 27    | U         | 27  | 52.7 | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 48    | U         | 48  | 100  | 410        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 36    | U         | 36  | 100  | 410        | ug/Kg |
| 98-86-2        | Acetophenone                | 73    | U         | 73  | 100  | 410        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 51    | U         | 51  | 100  | 410        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 46    | U         | 46  | 52.7 | 210        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 20    | U         | 20  | 52.7 | 210        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 33    | U         | 33  | 52.7 | 210        | ug/Kg |
| 78-59-1        | Isophorone                  | 45    | U         | 45  | 52.7 | 210        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 37    | U         | 37  | 52.7 | 210        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 11    | U         | 11  | 52.7 | 210        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 38    | U         | 38  | 52.7 | 210        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 42    | U         | 42  | 52.7 | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 41    | U         | 41  | 52.7 | 210        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 55    | U         | 55  | 52.7 | 410        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 32    | U         | 32  | 52.7 | 210        | ug/Kg |
| 105-60-2       | Caprolactam                 | 50    | U         | 50  | 100  | 410        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 45    | U         | 45  | 52.7 | 210        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 24    | U         | 24  | 52.7 | 210        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 46    | U         | 46  | 52.7 | 210        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 24    | U         | 24  | 100  | 410        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 62    | U         | 62  | 52.7 | 210        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 61    | U         | 61  | 52.7 | 210        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DCYM6        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4084-08     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 19.3                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034382.D        | 1         | 9/23/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163635      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 57    | U         | 57  | 52.7 | 210        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 55    | U         | 55  | 52.7 | 210        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 27    | U         | 27  | 52.7 | 210        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 47    | U         | 47  | 52.7 | 210        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 32    | U         | 32  | 52.7 | 210        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 57    | U         | 57  | 52.7 | 210        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 17    | U         | 17  | 100  | 410        | ug/Kg |
| 83-32-9    | Acenaphthene               | 62    | U         | 62  | 52.7 | 210        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 40    | U         | 40  | 100  | 410        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 14    | U         | 14  | 100  | 410        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 50    | U         | 50  | 52.7 | 210        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 16    | U         | 16  | 52.7 | 210        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 51    | U         | 51  | 52.7 | 210        | ug/Kg |
| 86-73-7    | Fluorene                   | 72    | U         | 72  | 52.7 | 210        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 59    | U         | 59  | 52.7 | 210        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 20    | U         | 20  | 100  | 410        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 48    | U         | 48  | 100  | 410        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 56    | U         | 56  | 52.7 | 210        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 56    | U         | 56  | 52.7 | 210        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 120   | U         | 120 | 52.7 | 210        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 62    | U         | 62  | 52.7 | 210        | ug/Kg |
| 1912-24-9  | Atrazine                   | 14    | U         | 14  | 100  | 410        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 47    | U         | 47  | 100  | 410        | ug/Kg |
| 85-01-8    | Phenanthrene               | 66    | U         | 66  | 52.7 | 210        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 45    | U         | 45  | 52.7 | 210        | ug/Kg |
| 120-12-7   | Anthracene                 | 58    | U         | 58  | 52.7 | 210        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 6.9   | U         | 6.9 | 52.7 | 210        | ug/Kg |
| 86-74-8    | Carbazole                  | 76    | U         | 76  | 100  | 410        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 71    | U         | 71  | 52.7 | 210        | ug/Kg |
| 206-44-0   | Fluoranthene               | 56    | U         | 56  | 100  | 210        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DCYM6        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4084-08     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 19.3                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034382.D        | 1         | 9/23/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163635      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 57     | U         | 57     | 52.7 | 210        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 53     | U         | 53     | 52.7 | 210        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 31     | U         | 31     | 100  | 410        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 48     | U         | 48     | 52.7 | 210        | ug/Kg    |
| 218-01-9          | Chrysene                    | 57     | U         | 57     | 52.7 | 210        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 53     | U         | 53     | 52.7 | 210        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 53     | U         | 53     | 100  | 410        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 59     | U         | 59     | 52.7 | 210        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 72     | U         | 72     | 52.7 | 210        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 71     | U         | 71     | 52.7 | 210        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 56     | U         | 56     | 52.7 | 210        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 64     | U         | 64     | 52.7 | 210        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 57     | U         | 57     | 52.7 | 210        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 64     | U         | 64     | 52.7 | 210        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.667  |           | 15-120 |      | 33         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 3.42   | *         | 20-120 |      | 9          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 13.16  |           | 10-130 |      | 33         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 13.683 |           | 10-150 |      | 34         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 15.038 |           | 15-120 |      | 38         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 12.965 |           | 10-140 |      | 32         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 16.15  |           | 10-135 |      | 40         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 14.511 |           | 10-120 |      | 36         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 15.339 |           | 10-140 |      | 38         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 12.267 |           | 1-145  |      | 31         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 16.494 |           | 10-145 |      | 41         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 18.122 |           | 15-120 |      | 45         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 7.604  |           | 10-150 |      | 19         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 18.239 |           | 20-140 |      | 46         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DCYM6        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4084-08     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 19.3                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034382.D        | 1         | 9/23/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163635      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 7.517   |           | 10-130 |     | 19         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 18.982  |           | 10-150 |     | 47         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 18.522  |           | 10-130 |     | 46         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 19.282  |           | 10-140 |     | 48         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 208805  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 792250  | 10.134    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 469846  | 14.034    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 955644  | 16.792    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 987830  | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1211942 | 23.733    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 120     | J         |        |     | 15.416     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 92      | J         |        |     | 17.727     |          |
| 006222-03-3                           | Trifluoroacetoxy hexadecane   | 110     | J         |        |     | 20.763     |          |
| E966796                               | Total Alkanes                 | 57      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DCYM8                 | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4084-10              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034383.D        | 1         | 9/23/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163635      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 14    | U         | 14  | 7.9  | 80         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 58    | U         | 58  | 98.8 | 400        | ug/Kg |
| 110-86-1       | Pyridine                    | 14    | U         | 14  | 200  | 400        | ug/Kg |
| 108-95-2       | Phenol                      | 54    | U         | 54  | 98.8 | 400        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 42    | U         | 42  | 98.8 | 400        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 26    | U         | 26  | 50.9 | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 47    | U         | 47  | 98.8 | 400        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 35    | U         | 35  | 98.8 | 400        | ug/Kg |
| 98-86-2        | Acetophenone                | 71    | U         | 71  | 98.8 | 400        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 49    | U         | 49  | 98.8 | 400        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 44    | U         | 44  | 50.9 | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 19    | U         | 19  | 50.9 | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 32    | U         | 32  | 50.9 | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 43    | U         | 43  | 50.9 | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 36    | U         | 36  | 50.9 | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 10    | U         | 10  | 50.9 | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 37    | U         | 37  | 50.9 | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 41    | U         | 41  | 50.9 | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 40    | U         | 40  | 50.9 | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 53    | U         | 53  | 50.9 | 400        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 31    | U         | 31  | 50.9 | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 48    | U         | 48  | 98.8 | 400        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 43    | U         | 43  | 50.9 | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 23    | U         | 23  | 50.9 | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 44    | U         | 44  | 50.9 | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 23    | U         | 23  | 98.8 | 400        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 60    | U         | 60  | 50.9 | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 59    | U         | 59  | 50.9 | 200        | ug/Kg |



|                    |              |        |    |                 |                       |    |
|--------------------|--------------|--------|----|-----------------|-----------------------|----|
| Client:            |              |        |    | Date Collected: | 9/10/2024 12:00:00 AM |    |
| Project:           |              |        |    | Date Received:  | 9/10/2024 12:00:00 AM |    |
| Client Sample ID:  | DCYM8        |        |    | SDG No.:        | BN100224              |    |
| Lab Sample ID:     | P4084-10     |        |    | Matrix:         | Solid                 |    |
| Analytical Method: | SFAM_SVOC    |        |    | % Moisture:     | 16.8                  |    |
| Sample Wt/Vol:     | 30.1         | Units: | g  | Final Vol:      | 500                   | uL |
| Soil Aliquot Vol:  |              |        | uL | Test:           |                       |    |
| Extraction Type :  | Decanted :   |        |    | Level :         | LOW                   |    |
| Injection Volume : | GPC Factor : |        |    | GPC Cleanup :   | PH :                  |    |

| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| BN034383.D        | 1         | 9/23/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163635      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 55    | U         | 55  | 50.9 | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 53    | U         | 53  | 50.9 | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 26    | U         | 26  | 50.9 | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 46    | U         | 46  | 50.9 | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 31    | U         | 31  | 50.9 | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 55    | U         | 55  | 50.9 | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 17    | U         | 17  | 98.8 | 400        | ug/Kg |
| 83-32-9    | Acenaphthene               | 60    | U         | 60  | 50.9 | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 38    | U         | 38  | 98.8 | 400        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 13    | U         | 13  | 98.8 | 400        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 48    | U         | 48  | 50.9 | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 16    | U         | 16  | 50.9 | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 49    | U         | 49  | 50.9 | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 69    | U         | 69  | 50.9 | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 58    | U         | 58  | 50.9 | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 19    | U         | 19  | 98.8 | 400        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 47    | U         | 47  | 98.8 | 400        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 54    | U         | 54  | 50.9 | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 54    | U         | 54  | 50.9 | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 120   | U         | 120 | 50.9 | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 60    | U         | 60  | 50.9 | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 13    | U         | 13  | 98.8 | 400        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 46    | U         | 46  | 98.8 | 400        | ug/Kg |
| 85-01-8    | Phenanthrene               | 63    | U         | 63  | 50.9 | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 43    | U         | 43  | 50.9 | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 56    | U         | 56  | 50.9 | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 6.7   | U         | 6.7 | 50.9 | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 73    | U         | 73  | 98.8 | 400        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 68    | U         | 68  | 50.9 | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 54    | U         | 54  | 98.8 | 200        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DCYM8     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4084-10  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           |                       |
| Extraction Type :  |           | Level :         | LOW                   |
| Decanted :         |           |                 |                       |
| Injection Volume : |           | GPC Factor :    |                       |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034383.D        | 1         | 9/23/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163635      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 55     | U         | 55     | 50.9 | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 52     | U         | 52     | 50.9 | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 30     | U         | 30     | 98.8 | 400        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 47     | U         | 47     | 50.9 | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 55     | U         | 55     | 50.9 | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 52     | U         | 52     | 50.9 | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 52     | U         | 52     | 98.8 | 400        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 69     | J         | 58     | 50.9 | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 69     | U         | 69     | 50.9 | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 68     | U         | 68     | 50.9 | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 54     | U         | 54     | 50.9 | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 62     | U         | 62     | 50.9 | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 55     | U         | 55     | 50.9 | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 62     | U         | 62     | 50.9 | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.433  |           | 15-120 |      | 30         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 1.82   | *         | 20-120 |      | 5          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 11.046 |           | 10-130 |      | 28         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 11.688 |           | 10-150 |      | 29         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 12.908 |           | 15-120 |      | 32         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 10.595 |           | 10-140 |      | 26         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 13.887 |           | 10-135 |      | 35         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 12.352 |           | 10-120 |      | 31         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 13.166 |           | 10-140 |      | 33         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 9.688  |           | 1-145  |      | 24         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 13.995 |           | 10-145 |      | 35         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 15.378 |           | 15-120 |      | 38         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 5.118  |           | 10-150 |      | 13         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 15.407 |           | 20-140 |      | 39         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DCYM8              | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4084-10           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 16.8                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034383.D        | 1         | 9/23/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163635      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 6.411   |           | 10-130 |     | 16         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 15.827  |           | 10-150 |     | 40         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 16.16   |           | 10-130 |     | 40         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 16.078  |           | 10-140 |     | 40         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 201953  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 756310  | 10.134    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 434970  | 14.034    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 818766  | 16.792    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 822192  | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1054685 | 23.733    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 100     | J         |        |     | 15.416     |          |
| E966796                               | Total Alkanes                 | 55      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DCYM9     | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4084-11  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 14.4                  |
| Sample Wt/Vol:     | 30        | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034384.D        | 1         | 9/23/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163635      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 14    | U         | 14  | 7.7  | 78         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 56    | U         | 56  | 96.4 | 390        | ug/Kg |
| 110-86-1       | Pyridine                    | 14    | U         | 14  | 190  | 390        | ug/Kg |
| 108-95-2       | Phenol                      | 53    | U         | 53  | 96.4 | 390        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 41    | U         | 41  | 96.4 | 390        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 26    | U         | 26  | 49.6 | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 46    | U         | 46  | 96.4 | 390        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 34    | U         | 34  | 96.4 | 390        | ug/Kg |
| 98-86-2        | Acetophenone                | 69    | U         | 69  | 96.4 | 390        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 48    | U         | 48  | 96.4 | 390        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 43    | U         | 43  | 49.6 | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 19    | U         | 19  | 49.6 | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 32    | U         | 32  | 49.6 | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 42    | U         | 42  | 49.6 | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 35    | U         | 35  | 49.6 | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 9.9   | U         | 9.9 | 49.6 | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 36    | U         | 36  | 49.6 | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 40    | U         | 40  | 49.6 | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 39    | U         | 39  | 49.6 | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 51    | U         | 51  | 49.6 | 390        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 30    | U         | 30  | 49.6 | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 47    | U         | 47  | 96.4 | 390        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 42    | U         | 42  | 49.6 | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 22    | U         | 22  | 49.6 | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 43    | U         | 43  | 49.6 | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 22    | U         | 22  | 96.4 | 390        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 58    | U         | 58  | 49.6 | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 57    | U         | 57  | 49.6 | 200        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DCYM9        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4084-11     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.4                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034384.D        | 1         | 9/23/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163635      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 54    | U         | 54  | 49.6 | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 51    | U         | 51  | 49.6 | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 26    | U         | 26  | 49.6 | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 44    | U         | 44  | 49.6 | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 30    | U         | 30  | 49.6 | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 54    | U         | 54  | 49.6 | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 16    | U         | 16  | 96.4 | 390        | ug/Kg |
| 83-32-9    | Acenaphthene               | 58    | U         | 58  | 49.6 | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 37    | U         | 37  | 96.4 | 390        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 13    | U         | 13  | 96.4 | 390        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 47    | U         | 47  | 49.6 | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 15    | U         | 15  | 49.6 | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 48    | U         | 48  | 49.6 | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 68    | U         | 68  | 49.6 | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 56    | U         | 56  | 49.6 | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 19    | U         | 19  | 96.4 | 390        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 46    | U         | 46  | 96.4 | 390        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 53    | U         | 53  | 49.6 | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 53    | U         | 53  | 49.6 | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 120   | U         | 120 | 49.6 | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 58    | U         | 58  | 49.6 | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 13    | U         | 13  | 96.4 | 390        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 44    | U         | 44  | 96.4 | 390        | ug/Kg |
| 85-01-8    | Phenanthrene               | 62    | U         | 62  | 49.6 | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 42    | U         | 42  | 49.6 | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 55    | U         | 55  | 49.6 | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 6.5   | U         | 6.5 | 49.6 | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 71    | U         | 71  | 96.4 | 390        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 67    | U         | 67  | 49.6 | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 53    | U         | 53  | 96.4 | 200        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DCYM9        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4084-11     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.4                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034384.D        | 1         | 9/23/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163635      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 54     | U         | 54     | 49.6 | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 50     | U         | 50     | 49.6 | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 29     | U         | 29     | 96.4 | 390        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 46     | U         | 46     | 49.6 | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 54     | U         | 54     | 49.6 | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 50     | U         | 50     | 49.6 | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 50     | U         | 50     | 96.4 | 390        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 56     | U         | 56     | 49.6 | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 68     | U         | 68     | 49.6 | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 67     | U         | 67     | 49.6 | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 53     | U         | 53     | 49.6 | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 61     | U         | 61     | 49.6 | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 54     | U         | 54     | 49.6 | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 61     | U         | 61     | 49.6 | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.983  |           | 15-120 |      | 37         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 10.927 |           | 20-120 |      | 27         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 13.533 |           | 10-130 |      | 34         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 13.544 |           | 10-150 |      | 34         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 15.403 |           | 15-120 |      | 39         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 13.274 |           | 10-140 |      | 33         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 16.617 |           | 10-135 |      | 42         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 16.435 |           | 10-120 |      | 41         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 16.001 |           | 10-140 |      | 40         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 15.244 |           | 1-145  |      | 38         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 17.807 |           | 10-145 |      | 45         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 18.404 |           | 15-120 |      | 46         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 9.507  |           | 10-150 |      | 24         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 18.727 |           | 20-140 |      | 47         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/10/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/10/2024 12:00:00 AM |
| Client Sample ID:  | DCYM9        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4084-11     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.4                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034384.D        | 1         | 9/23/2024 12:00:00 AM | 10/3/2024 12:00:00 AM | PB163635      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 9.64    |           | 10-130 |     | 24         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 19.176  |           | 10-150 |     | 48         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 19.111  |           | 10-130 |     | 48         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 19.391  |           | 10-140 |     | 48         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 197324  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 736811  | 10.134    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 431091  | 14.034    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 866261  | 16.792    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 902396  | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1123869 | 23.733    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 110     | J         |        |     | 15.416     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 110     | J         |        |     | 17.727     |          |
|                                       | (DEL) Alkane: Straight-Chain  | 20.757  | J         |        |     | 20.757     |          |
| E966796                               | Total Alkanes                 | 91      |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/11/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/11/2024 12:00:00 AM |
| Client Sample ID:  | DCYN2        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4084-14     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 18.6                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034385.D        | 1         | 9/23/2024 12:00:00 AM | 10/4/2024 12:00:00 AM | PB163635      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 8.1  | 82         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 59    | U         | 59  | 100  | 410        | ug/Kg |
| 110-86-1       | Pyridine                    | 15    | U         | 15  | 200  | 410        | ug/Kg |
| 108-95-2       | Phenol                      | 55    | U         | 55  | 100  | 410        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 43    | U         | 43  | 100  | 410        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 27    | U         | 27  | 52.2 | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 48    | U         | 48  | 100  | 410        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 36    | U         | 36  | 100  | 410        | ug/Kg |
| 98-86-2        | Acetophenone                | 72    | U         | 72  | 100  | 410        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 50    | U         | 50  | 100  | 410        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 45    | U         | 45  | 52.2 | 210        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 20    | U         | 20  | 52.2 | 210        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 33    | U         | 33  | 52.2 | 210        | ug/Kg |
| 78-59-1        | Isophorone                  | 44    | U         | 44  | 52.2 | 210        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 37    | U         | 37  | 52.2 | 210        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 10    | U         | 10  | 52.2 | 210        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 38    | U         | 38  | 52.2 | 210        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 42    | U         | 42  | 52.2 | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 41    | U         | 41  | 52.2 | 210        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 54    | U         | 54  | 52.2 | 410        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 32    | U         | 32  | 52.2 | 210        | ug/Kg |
| 105-60-2       | Caprolactam                 | 49    | U         | 49  | 100  | 410        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 44    | U         | 44  | 52.2 | 210        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 23    | U         | 23  | 52.2 | 210        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 45    | U         | 45  | 52.2 | 210        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 23    | U         | 23  | 100  | 410        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 61    | U         | 61  | 52.2 | 210        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 60    | U         | 60  | 52.2 | 210        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/11/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/11/2024 12:00:00 AM |
| Client Sample ID:  | DCYN2        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4084-14     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 18.6                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034385.D        | 1         | 9/23/2024 12:00:00 AM | 10/4/2024 12:00:00 AM | PB163635      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 57    | U         | 57  | 52.2 | 210        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 54    | U         | 54  | 52.2 | 210        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 27    | U         | 27  | 52.2 | 210        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 47    | U         | 47  | 52.2 | 210        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 32    | U         | 32  | 52.2 | 210        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 57    | U         | 57  | 52.2 | 210        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 17    | U         | 17  | 100  | 410        | ug/Kg |
| 83-32-9    | Acenaphthene               | 100   | J         | 61  | 52.2 | 210        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 39    | U         | 39  | 100  | 410        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 14    | U         | 14  | 100  | 410        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 49    | U         | 49  | 52.2 | 210        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 16    | U         | 16  | 52.2 | 210        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 50    | U         | 50  | 52.2 | 210        | ug/Kg |
| 86-73-7    | Fluorene                   | 71    | U         | 71  | 52.2 | 210        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 59    | U         | 59  | 52.2 | 210        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 20    | U         | 20  | 100  | 410        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 48    | U         | 48  | 100  | 410        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 55    | U         | 55  | 52.2 | 210        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 55    | U         | 55  | 52.2 | 210        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 120   | U         | 120 | 52.2 | 210        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 61    | U         | 61  | 52.2 | 210        | ug/Kg |
| 1912-24-9  | Atrazine                   | 14    | U         | 14  | 100  | 410        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 47    | U         | 47  | 100  | 410        | ug/Kg |
| 85-01-8    | Phenanthrene               | 100   | J         | 65  | 52.2 | 210        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 44    | U         | 44  | 52.2 | 210        | ug/Kg |
| 120-12-7   | Anthracene                 | 58    | U         | 58  | 52.2 | 210        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 6.9   | U         | 6.9 | 52.2 | 210        | ug/Kg |
| 86-74-8    | Carbazole                  | 75    | U         | 75  | 100  | 410        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 70    | U         | 70  | 52.2 | 210        | ug/Kg |
| 206-44-0   | Fluoranthene               | 55    | U         | 55  | 100  | 210        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/11/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/11/2024 12:00:00 AM |
| Client Sample ID:  | DCYN2        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4084-14     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 18.6                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034385.D        | 1         | 9/23/2024 12:00:00 AM | 10/4/2024 12:00:00 AM | PB163635      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 57     | U         | 57     | 52.2 | 210        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 53     | U         | 53     | 52.2 | 210        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 31     | U         | 31     | 100  | 410        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 48     | U         | 48     | 52.2 | 210        | ug/Kg    |
| 218-01-9          | Chrysene                    | 57     | U         | 57     | 52.2 | 210        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 53     | U         | 53     | 52.2 | 210        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 53     | U         | 53     | 100  | 410        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 59     | U         | 59     | 52.2 | 210        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 71     | U         | 71     | 52.2 | 210        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 70     | U         | 70     | 52.2 | 210        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 55     | U         | 55     | 52.2 | 210        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 64     | U         | 64     | 52.2 | 210        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 57     | U         | 57     | 52.2 | 210        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 64     | U         | 64     | 52.2 | 210        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 7291-22-7         | Pyridine-d5                 | 2.99   | *         | 20-120 |      | 7          | SPK: -40 |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.283  |           | 15-120 |      | 29         | SPK: -8  |
| 4165-62-2         | Phenol-d5                   | 12.476 |           | 10-130 |      | 31         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 12.33  |           | 10-150 |      | 31         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 13.428 |           | 15-120 |      | 34         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 12.588 |           | 10-140 |      | 31         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 15.435 |           | 10-135 |      | 39         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 14.318 |           | 10-120 |      | 36         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 15.131 |           | 10-140 |      | 38         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 11.543 |           | 1-145  |      | 29         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 16.033 |           | 10-145 |      | 40         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 17.022 |           | 15-120 |      | 43         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 7.902  |           | 10-150 |      | 20         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 17.973 |           | 20-140 |      | 45         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/11/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/11/2024 12:00:00 AM |
| Client Sample ID:  | DCYN2        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4084-14     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 18.6                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034385.D        | 1         | 9/23/2024 12:00:00 AM | 10/4/2024 12:00:00 AM | PB163635      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 8.908   |           | 10-130 |     | 22         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 18.66   |           | 10-150 |     | 47         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 18.247  |           | 10-130 |     | 46         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 18.533  |           | 10-140 |     | 46         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 212729  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 791134  | 10.134    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 482111  | 14.034    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 970978  | 16.792    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1006461 | 21.021    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1261322 | 23.733    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 110     | J         |        |     | 15.416     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 100     | J         |        |     | 17.728     |          |
|                                       | (DEL) Alkane: Straight-Chain  | 20.757  | J         |        |     | 20.757     |          |
| E966796                               | Total Alkanes                 | 90      |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/11/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/11/2024 12:00:00 AM |
| Client Sample ID:  | DCYN3        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4084-15     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 19                    |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034386.D        | 1         | 9/23/2024 12:00:00 AM | 10/4/2024 12:00:00 AM | PB163635      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 8.1  | 82         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 59    | U         | 59  | 100  | 410        | ug/Kg |
| 110-86-1       | Pyridine                    | 15    | U         | 15  | 200  | 410        | ug/Kg |
| 108-95-2       | Phenol                      | 56    | U         | 56  | 100  | 410        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 43    | U         | 43  | 100  | 410        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 27    | U         | 27  | 52.5 | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 48    | U         | 48  | 100  | 410        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 36    | U         | 36  | 100  | 410        | ug/Kg |
| 98-86-2        | Acetophenone                | 73    | U         | 73  | 100  | 410        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 51    | U         | 51  | 100  | 410        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 46    | U         | 46  | 52.5 | 210        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 20    | U         | 20  | 52.5 | 210        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 33    | U         | 33  | 52.5 | 210        | ug/Kg |
| 78-59-1        | Isophorone                  | 44    | U         | 44  | 52.5 | 210        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 37    | U         | 37  | 52.5 | 210        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 10    | U         | 10  | 52.5 | 210        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 38    | U         | 38  | 52.5 | 210        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 42    | U         | 42  | 52.5 | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 41    | U         | 41  | 52.5 | 210        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 54    | U         | 54  | 52.5 | 410        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 32    | U         | 32  | 52.5 | 210        | ug/Kg |
| 105-60-2       | Caprolactam                 | 49    | U         | 49  | 100  | 410        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 44    | U         | 44  | 52.5 | 210        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 23    | U         | 23  | 52.5 | 210        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 46    | U         | 46  | 52.5 | 210        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 23    | U         | 23  | 100  | 410        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 62    | U         | 62  | 52.5 | 210        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 60    | U         | 60  | 52.5 | 210        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/11/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/11/2024 12:00:00 AM |
| Client Sample ID:  | DCYN3        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4084-15     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 19                    |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034386.D        | 1         | 9/23/2024 12:00:00 AM | 10/4/2024 12:00:00 AM | PB163635      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 57    | U         | 57  | 52.5 | 210        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 54    | U         | 54  | 52.5 | 210        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 27    | U         | 27  | 52.5 | 210        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 47    | U         | 47  | 52.5 | 210        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 32    | U         | 32  | 52.5 | 210        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 57    | U         | 57  | 52.5 | 210        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 17    | U         | 17  | 100  | 410        | ug/Kg |
| 83-32-9    | Acenaphthene               | 62    | U         | 62  | 52.5 | 210        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 40    | U         | 40  | 100  | 410        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 14    | U         | 14  | 100  | 410        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 49    | U         | 49  | 52.5 | 210        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 16    | U         | 16  | 52.5 | 210        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 51    | U         | 51  | 52.5 | 210        | ug/Kg |
| 86-73-7    | Fluorene                   | 72    | U         | 72  | 52.5 | 210        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 59    | U         | 59  | 52.5 | 210        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 20    | U         | 20  | 100  | 410        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 48    | U         | 48  | 100  | 410        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 56    | U         | 56  | 52.5 | 210        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 56    | U         | 56  | 52.5 | 210        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 120   | U         | 120 | 52.5 | 210        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 62    | U         | 62  | 52.5 | 210        | ug/Kg |
| 1912-24-9  | Atrazine                   | 14    | U         | 14  | 100  | 410        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 47    | U         | 47  | 100  | 410        | ug/Kg |
| 85-01-8    | Phenanthrene               | 65    | U         | 65  | 52.5 | 210        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 44    | U         | 44  | 52.5 | 210        | ug/Kg |
| 120-12-7   | Anthracene                 | 58    | U         | 58  | 52.5 | 210        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 6.9   | U         | 6.9 | 52.5 | 210        | ug/Kg |
| 86-74-8    | Carbazole                  | 75    | U         | 75  | 100  | 410        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 70    | U         | 70  | 52.5 | 210        | ug/Kg |
| 206-44-0   | Fluoranthene               | 56    | U         | 56  | 100  | 210        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/11/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/11/2024 12:00:00 AM |
| Client Sample ID:  | DCYN3        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4084-15     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 19                    |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034386.D        | 1         | 9/23/2024 12:00:00 AM | 10/4/2024 12:00:00 AM | PB163635      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 57     | U         | 57     | 52.5 | 210        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 53     | U         | 53     | 52.5 | 210        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 31     | U         | 31     | 100  | 410        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 48     | U         | 48     | 52.5 | 210        | ug/Kg    |
| 218-01-9          | Chrysene                    | 57     | U         | 57     | 52.5 | 210        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 53     | U         | 53     | 52.5 | 210        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 53     | U         | 53     | 100  | 410        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 59     | U         | 59     | 52.5 | 210        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 72     | U         | 72     | 52.5 | 210        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 70     | U         | 70     | 52.5 | 210        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 56     | U         | 56     | 52.5 | 210        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 64     | U         | 64     | 52.5 | 210        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 57     | U         | 57     | 52.5 | 210        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 64     | U         | 64     | 52.5 | 210        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.569  |           | 15-120 |      | 32         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 4.082  | *         | 20-120 |      | 10         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 13.592 |           | 10-130 |      | 34         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 13.847 |           | 10-150 |      | 35         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 15.115 |           | 15-120 |      | 38         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 13.854 |           | 10-140 |      | 35         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 16.707 |           | 10-135 |      | 42         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 16.667 |           | 10-120 |      | 42         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 16.466 |           | 10-140 |      | 41         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 14.521 |           | 1-145  |      | 36         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 18.133 |           | 10-145 |      | 45         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 19.078 |           | 15-120 |      | 48         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 8.982  |           | 10-150 |      | 22         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 19.62  |           | 20-140 |      | 49         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/11/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/11/2024 12:00:00 AM |
| Client Sample ID:  | DCYN3        | SDG No.:        | BN100224              |
| Lab Sample ID:     | P4084-15     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 19                    |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034386.D        | 1         | 9/23/2024 12:00:00 AM | 10/4/2024 12:00:00 AM | PB163635      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 10.752  |           | 10-130 |     | 27         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 20.328  |           | 10-150 |     | 51         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 19.852  |           | 10-130 |     | 50         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 20.412  |           | 10-140 |     | 51         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 201109  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 754590  | 10.134    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 437048  | 14.034    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 851233  | 16.792    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 897868  | 21.022    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1122499 | 23.733    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 110     | J         |        |     | 15.416     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 120     | J         |        |     | 17.728     |          |
| 000661-19-8                           | Behenic alcohol               | 100     | J         |        |     | 20.757     |          |
| E966796                               | Total Alkanes                 | 57      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/23/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/23/2024 12:00:00 AM |
| Client Sample ID:  | SLCS635      | SDG No.:        | BN100224              |
| Lab Sample ID:     | PB163635BS   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034387.D        | 1         | 9/23/2024 12:00:00 AM | 10/4/2024 12:00:00 AM | PB163635      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 320   |           | 12  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 710   |           | 48  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 670   |           | 12  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 700   |           | 45  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 750   |           | 35  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 810   |           | 22  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 700   |           | 39  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 660   |           | 29  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 670   |           | 59  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 690   |           | 41  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 640   |           | 37  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 810   |           | 16  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 760   |           | 27  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 710   |           | 36  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 880   |           | 30  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 610   |           | 8.5 | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 770   |           | 31  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 850   |           | 34  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 820   |           | 33  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 620   |           | 44  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 900   |           | 26  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 590   |           | 40  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 710   |           | 36  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 790   |           | 19  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 790   |           | 37  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 730   |           | 19  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 850   |           | 50  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 850   |           | 49  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/23/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/23/2024 12:00:00 AM |
| Client Sample ID:  | SLCS635      | SDG No.:        | BN100224              |
| Lab Sample ID:     | PB163635BS   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034387.D        | 1         | 9/23/2024 12:00:00 AM | 10/4/2024 12:00:00 AM | PB163635      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 830   |           | 46  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 840   |           | 44  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 680   |           | 22  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 780   |           | 38  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 820   |           | 26  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 830   |           | 46  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 730   |           | 14  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 790   |           | 50  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 610   |           | 32  | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 600   |           | 11  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 800   |           | 40  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 790   |           | 13  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 730   |           | 41  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 790   |           | 58  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 790   |           | 48  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 730   |           | 16  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 790   |           | 39  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 860   |           | 45  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 930   |           | 45  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 930   |           | 99  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 940   |           | 50  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 660   |           | 11  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 820   |           | 38  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 840   |           | 53  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 910   |           | 36  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 820   |           | 47  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 970   |           | 5.6 | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 820   |           | 61  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 780   |           | 57  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 860   |           | 45  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/23/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/23/2024 12:00:00 AM |
| Client Sample ID:  | SLCS635      | SDG No.:        | BN100224              |
| Lab Sample ID:     | PB163635BS   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034387.D        | 1         | 9/23/2024 12:00:00 AM | 10/4/2024 12:00:00 AM | PB163635      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 850    |           | 46     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 750    |           | 43     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 860    |           | 25     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 820    |           | 39     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 840    |           | 46     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 770    |           | 43     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 710    |           | 43     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 830    |           | 48     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 830    |           | 58     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 800    |           | 57     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 900    |           | 45     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 920    |           | 52     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 930    |           | 46     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 840    |           | 52     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.063  |           | 15-120 |      | 63         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 21.487 |           | 20-120 |      | 54         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 21.928 |           | 10-130 |      | 55         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 21.757 |           | 10-150 |      | 54         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 25.428 |           | 15-120 |      | 64         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 21.143 |           | 10-140 |      | 53         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 26.282 |           | 10-135 |      | 66         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.218 |           | 10-120 |      | 68         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 26.596 |           | 10-140 |      | 66         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.125 |           | 1-145  |      | 58         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 24.606 |           | 10-145 |      | 62         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 25.496 |           | 15-120 |      | 64         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 20.98  |           | 10-150 |      | 52         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 24.657 |           | 20-140 |      | 62         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/23/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/23/2024 12:00:00 AM |
| Client Sample ID:  | SLCS635      | SDG No.:        | BN100224              |
| Lab Sample ID:     | PB163635BS   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN034387.D        | 1         | 9/23/2024 12:00:00 AM | 10/4/2024 12:00:00 AM | PB163635      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 24.685  |           | 10-130 |     | 62         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 25.522  |           | 10-150 |     | 64         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 26.274  |           | 10-130 |     | 66         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 26.359  |           | 10-140 |     | 66         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 227314  | 7.381     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 874608  | 10.134    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 530816  | 14.033    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1018123 | 16.792    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 967509  | 21.027    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1220418 | 23.733    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 46      | U         |        |     | 99         | ug/Kg    |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID                | Client ID | Matrix | Parameter                        | Concentration | C       | MDL           | RDL | Units |
|--------------------------|-----------|--------|----------------------------------|---------------|---------|---------------|-----|-------|
| <b>Client ID : DCVW4</b> |           |        |                                  |               |         |               |     |       |
| P4016-13                 | DCVW4     | Solid  | Benzophenone                     | *             | 84.000  | J             |     |       |
| P4016-13                 | DCVW4     | Solid  | Total Alkanes                    | *             | 0.000   | 56            | 210 | ug/Kg |
|                          |           |        | <b>Total Tics :</b>              |               |         | <b>84.00</b>  |     |       |
| P4016-13                 | DCVW4     | Solid  | Pentachlorophenol                |               | 330.000 | J 46          | 400 | ug/Kg |
|                          |           |        | <b>Total Svoc :</b>              |               |         | <b>330.00</b> |     |       |
|                          |           |        | <b>Total Concentration:</b>      |               |         | <b>414.00</b> |     |       |
| <b>Client ID : DCVW5</b> |           |        |                                  |               |         |               |     |       |
| P4016-14                 | DCVW5     | Solid  | Total Alkanes                    | *             | 0.000   | 57            | 210 | ug/Kg |
|                          |           |        | <b>Total Tics :</b>              |               |         | <b>0.00</b>   |     |       |
|                          |           |        | <b>Total Concentration:</b>      |               |         | <b>0.00</b>   |     |       |
| <b>Client ID : DDC20</b> |           |        |                                  |               |         |               |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Cyclic6.052        | *             | 110.000 | J             |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Straight-Chain11.1 | *             | 160.000 | J             |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Straight-Chain11.5 | *             | 310.000 | J             |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Straight-Chain12.4 | *             | 87.000  | J             |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Straight-Chain12.5 | *             | 140.000 | J             |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Straight-Chain12.8 | *             | 430.000 | J             |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Straight-Chain14.5 | *             | 540.000 | J             |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Straight-Chain15.3 | *             | 250.000 | J             |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Straight-Chain15.5 | *             | 81.000  | J             |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Straight-Chain15.8 | *             | 410.000 | J             |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Straight-Chain16.5 | *             | 270.000 | J             |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Straight-Chain16.6 | *             | 260.000 | J             |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Straight-Chain17.7 | *             | 260.000 | J             |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Straight-Chain18.6 | *             | 190.000 | J             |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Straight-Chain18.6 | *             | 180.000 | J             |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Straight-Chain19.2 | *             | 110.000 | J             |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Straight-Chain19.8 | *             | 150.000 | J             |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Straight-Chain21.7 | *             | 110.000 | J             |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Straight-Chain5.4  | *             | 250.000 | J             |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Straight-Chain5.98 | *             | 110.000 | J             |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Straight-Chain6.4  | *             | 120.000 | J             |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Straight-Chain6.4  | *             | 160.000 | J             |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Straight-Chain7.02 | *             | 870.000 | J             |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Straight-Chain7.65 | *             | 180.000 | J             |     |       |
| P4016-15                 | DDC20     | Solid  | (DEL) Alkane: Straight-Chain7.92 | *             | 280.000 | J             |     |       |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID                   | Client ID | Matrix | Parameter                                         | Concentration    | C         | MDL | RDL | Units |
|-----------------------------|-----------|--------|---------------------------------------------------|------------------|-----------|-----|-----|-------|
| P4016-15                    | DDC20     | Solid  | (DEL) Alkane: Straight-Chain7.98 *                | 140.000          | J         |     |     |       |
| P4016-15                    | DDC20     | Solid  | (DEL) Alkane: Straight-Chain8.15 *                | 180.000          | J         |     |     |       |
| P4016-15                    | DDC20     | Solid  | (DEL) Alkane: Straight-Chain8.61 *                | 1,000.000        | J         |     |     |       |
| P4016-15                    | DDC20     | Solid  | (DEL) Alkane: Straight-Chain9.45 *                | 85.000           | J         |     |     |       |
| P4016-15                    | DDC20     | Solid  | 1-Decanol, 2-octyl-                               | *                | 140.000   | J   |     |       |
| P4016-15                    | DDC20     | Solid  | 1-Dodecanol, 2-octyl-                             | *                | 190.000   | J   |     |       |
| P4016-15                    | DDC20     | Solid  | 2,4-Dipropyl-5-ethyl-1,3-dioxane *                | 220.000          | J         |     |     |       |
| P4016-15                    | DDC20     | Solid  | 2-(4-Hydroxyphenyl)-2-(4-methoxyphenyl)propane *  | 91.000           | J         |     |     |       |
| P4016-15                    | DDC20     | Solid  | 4,6,8-Trimethylazulene                            | *                | 340.000   | J   |     |       |
| P4016-15                    | DDC20     | Solid  | 9-Methyl-S-octahydroanthracene *                  | 480.000          | J         |     |     |       |
| P4016-15                    | DDC20     | Solid  | Azulene, 1,4-dimethyl-7-(1-methyl-2-propenyl)-    | *                | 200.000   | J   |     |       |
| P4016-15                    | DDC20     | Solid  | Benzene, 1,3,5-trimethyl-2-(1-methyl-2-propenyl)- | *                | 290.000   | J   |     |       |
| P4016-15                    | DDC20     | Solid  | Hexylene glycol                                   | *                | 170.000   | J   |     |       |
| P4016-15                    | DDC20     | Solid  | n-Hexadecanoic acid                               | *                | 120.000   | J   |     |       |
| P4016-15                    | DDC20     | Solid  | Naphthalene, 1,6,7-trimethyl-                     | *                | 80.000    | J   |     |       |
| P4016-15                    | DDC20     | Solid  | Naphthalene, 1,6-dimethyl-                        | *                | 200.000   | J   |     |       |
| P4016-15                    | DDC20     | Solid  | Naphthalene, 2,6-dimethyl-                        | *                | 190.000   | J   |     |       |
| P4016-15                    | DDC20     | Solid  | Naphthalene, 2,7-dimethyl-                        | *                | 150.000   | J   |     |       |
| P4016-15                    | DDC20     | Solid  | Octachlorodibenzo-p-dioxin                        | *                | 140.000   | J   |     |       |
| P4016-15                    | DDC20     | Solid  | Oxalic acid, 2-ethylhexyl nonyl esters            | *                | 1,600.000 | J   |     |       |
| P4016-15                    | DDC20     | Solid  | Phenol, 2,3,5,6-tetrachloro-                      | *                | 170.000   | J   |     |       |
| P4016-15                    | DDC20     | Solid  | Sulfurous acid, 2-ethylhexyl hexyl ester          | *                | 200.000   | J   |     |       |
| P4016-15                    | DDC20     | Solid  | unknown-01                                        | *                | 250.000   | J   |     |       |
| P4016-15                    | DDC20     | Solid  | unknown-02                                        | *                | 91.000    | J   |     |       |
| P4016-15                    | DDC20     | Solid  | unknown-03                                        | *                | 110.000   | J   |     |       |
| P4016-15                    | DDC20     | Solid  | unknown-04                                        | *                | 110.000   | J   |     |       |
| P4016-15                    | DDC20     | Solid  | unknown-05                                        | *                | 94.000    | J   |     |       |
| P4016-15                    | DDC20     | Solid  | unknown-06                                        | *                | 150.000   | J   |     |       |
| P4016-15                    | DDC20     | Solid  | unknown-07                                        | *                | 160.000   | J   |     |       |
| P4016-15                    | DDC20     | Solid  | unknown-08                                        | *                | 91.000    | J   |     |       |
| P4016-15                    | DDC20     | Solid  | unknown-09                                        | *                | 130.000   | J   |     |       |
| P4016-15                    | DDC20     | Solid  | Total Alkanes                                     | *                | 7,400.000 | 55  | 200 | ug/Kg |
| <b>Total Tics :</b>         |           |        |                                                   | <b>20,980.00</b> |           |     |     |       |
| P4016-15                    | DDC20     | Solid  | 1-Methylnaphthalene                               | 73.000           | J         | 23  | 200 | ug/Kg |
| P4016-15                    | DDC20     | Solid  | 2,3,4,6-Tetrachlorophenol                         | 1,700.000        |           | 62  | 200 | ug/Kg |
| P4016-15                    | DDC20     | Solid  | 2-Methylnaphthalene                               | 100.000          | J         | 44  | 200 | ug/Kg |
| P4016-15                    | DDC20     | Solid  | Pentachlorophenol                                 | 31,000.000       | E         | 46  | 400 | ug/Kg |
| <b>Total Svoc :</b>         |           |        |                                                   | <b>32,873.00</b> |           |     |     |       |
| <b>Total Concentration:</b> |           |        |                                                   | <b>53,853.00</b> |           |     |     |       |

Client ID : DDC20DL

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID  | Client ID | Matrix | Parameter                          | Concentration | C  | MDL              | RDL  | Units |
|------------|-----------|--------|------------------------------------|---------------|----|------------------|------|-------|
| P4016-15DL | DDC20DL   | Solid  | (DEL) Alkane: Straight-Chain13.5 * | 2,100.000     | JD |                  |      |       |
| P4016-15DL | DDC20DL   | Solid  | Total Alkanes *                    | 2,100.000     | D  | 1100             | 4100 | ug/Kg |
|            |           |        | <b>Total Tics :</b>                |               |    | <b>4,200.00</b>  |      |       |
| P4016-15DL | DDC20DL   | Solid  | 2,3,4,6-Tetrachlorophenol          | 1,800.000     | JD | 1200             | 4100 | ug/Kg |
| P4016-15DL | DDC20DL   | Solid  | Pentachlorophenol                  | 66,000.000    | D  | 910              | 7900 | ug/Kg |
|            |           |        | <b>Total Svoc :</b>                |               |    | <b>67,800.00</b> |      |       |
|            |           |        | <b>Total Concentration:</b>        |               |    | <b>72,000.00</b> |      |       |

Client ID : DDC21

|          |       |       |                                     |           |   |  |  |  |
|----------|-------|-------|-------------------------------------|-----------|---|--|--|--|
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Cyclic14.151 *        | 520.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Cyclic6.052 *         | 180.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain11.1 *  | 180.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain11.5 *  | 340.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain12.5 *  | 170.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain12.8 *  | 500.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain13.5 *  | 150.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain14.5 *  | 160.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain15.5 *  | 300.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain15.8 *  | 500.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain16.5 *  | 310.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain16.6 *  | 170.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain17.5 *  | 340.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain18.6 *  | 210.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain18.6 *  | 200.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain19.2 *  | 110.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain19.8 *  | 180.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain20.5 *  | 94.000    | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain21.2 *  | 140.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain21.6 *  | 98.000    | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain21.7 *  | 140.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain5.45 *  | 550.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain5.98 *  | 160.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain6.4 *   | 170.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain6.4 *   | 220.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain7.02 *  | 1,300.000 | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain7.92 *  | 260.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain7.98 *  | 150.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain8.15 *  | 180.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | (DEL) Alkane: Straight-Chain8.61 *  | 1,100.000 | J |  |  |  |
| P4016-16 | DDC21 | Solid | 1,3-Pentanediol, 2,2,4-trimethyl- * | 170.000   | J |  |  |  |
| P4016-16 | DDC21 | Solid | 1-Hexanol, 2-ethyl- *               | 790.000   | J |  |  |  |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** BN100224

**Client:**

| Sample ID            | Client ID | Matrix | Parameter                            | Concentration | C | MDL | RDL | Units |
|----------------------|-----------|--------|--------------------------------------|---------------|---|-----|-----|-------|
| P4016-16             | DDC21     | Solid  | 1H-Indole, 4-(3-methyl-2-butenyl) *  | 760.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | 2-Ethylhexyl mercaptoacetate *       | 2,700.000     | J |     |     |       |
| P4016-16             | DDC21     | Solid  | 2-Fluorobenzoic acid. heptadecyl *   | 120.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | 2-Methylidene-hydrazono-3-meth *     | 410.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4- *  | 1,100.000     | J |     |     |       |
| P4016-16             | DDC21     | Solid  | 9,9-Dimethyl-9-sila-9,10-dihydroi *  | 120.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | 9-Methyl-S-octahydroanthracene *     | 190.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | Acetamide, 2-(4-methoxyphenyl)- *    | 220.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | Azulene, 1,4-dimethyl-7-(1-methy *   | 110.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | Benzene, 1,3,5-trimethyl-2-(1-met *  | 440.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | Decane, 1,1-oxybis- *                | 310.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | Hexylene glycol *                    | 150.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | n-Hexadecanoic acid *                | 130.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | Naphthalene, 1,3-dimethyl- *         | 180.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | Naphthalene, 1,6-dimethyl- *         | 110.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | Naphthalene, 1,7-dimethyl- *         | 140.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | Naphthalene, 2,7-bis(1,1-dimethyl *  | 170.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | Naphthalene, 2,7-dimethyl- *         | 270.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | Oxalic acid, allyl pentadecyl este * | 220.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | Propanoic acid, 2,2-dimethyl-, 2-e * | 140.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | Tetradecane, 1-iodo- *               | 710.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | unknown-01 *                         | 160.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | unknown-02 *                         | 140.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | unknown-03 *                         | 110.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | unknown-04 *                         | 190.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | unknown-05 *                         | 160.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | unknown-06 *                         | 230.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | unknown-07 *                         | 130.000       | J |     |     |       |
| P4016-16             | DDC21     | Solid  | Total Alkanes *                      | 9,100.000     |   | 56  | 210 | ug/Kg |
| Total Tics :         |           |        |                                      | 28,962.00     |   |     |     |       |
| P4016-16             | DDC21     | Solid  | 1-Methylnaphthalene                  | 120.000       | J | 23  | 210 | ug/Kg |
| P4016-16             | DDC21     | Solid  | 2,3,4,6-Tetrachlorophenol            | 1,900.000     |   | 63  | 210 | ug/Kg |
| P4016-16             | DDC21     | Solid  | 2-Methylnaphthalene                  | 200.000       | J | 45  | 210 | ug/Kg |
| P4016-16             | DDC21     | Solid  | Isophorone                           | 55.000        | J | 44  | 210 | ug/Kg |
| P4016-16             | DDC21     | Solid  | Naphthalene                          | 66.000        | J | 40  | 210 | ug/Kg |
| P4016-16             | DDC21     | Solid  | Pentachlorophenol                    | 16,000.000    | E | 46  | 400 | ug/Kg |
| Total Svoc :         |           |        |                                      | 18,341.00     |   |     |     |       |
| Total Concentration: |           |        |                                      | 47,303.00     |   |     |     |       |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID                   | Client ID | Matrix | Parameter                           | Concentration    | C  | MDL | RDL  | Units |
|-----------------------------|-----------|--------|-------------------------------------|------------------|----|-----|------|-------|
| P4016-16DL                  | DDC21DL   | Solid  | (DEL) Alkane: Straight-Chain14.5 *  | 850.000          | JD |     |      |       |
| P4016-16DL                  | DDC21DL   | Solid  | (DEL) Alkane: Straight-Chain5.4 *   | 860.000          | JD |     |      |       |
| P4016-16DL                  | DDC21DL   | Solid  | (DEL) Alkane: Straight-Chain7.0 *   | 2,000.000        | JD |     |      |       |
| P4016-16DL                  | DDC21DL   | Solid  | (DEL) Alkane: Straight-Chain8.6 *   | 1,600.000        | JD |     |      |       |
| P4016-16DL                  | DDC21DL   | Solid  | 1-Hexanol, 2-ethyl- *               | 1,200.000        | JD |     |      |       |
| P4016-16DL                  | DDC21DL   | Solid  | Benzene, 1,3,5-trimethyl-2-(1-met * | 870.000          | JD |     |      |       |
| P4016-16DL                  | DDC21DL   | Solid  | Methyl 2-diethylamino-3-methyl-l *  | 1,300.000        | JD |     |      |       |
| P4016-16DL                  | DDC21DL   | Solid  | Naphthalene, 1,6,7-trimethyl- *     | 960.000          | JD |     |      |       |
| P4016-16DL                  | DDC21DL   | Solid  | Total Alkanes *                     | 8,900.000        | D  | 560 | 2100 | ug/Kg |
| <b>Total Tics :</b>         |           |        |                                     | <b>22,140.00</b> |    |     |      |       |
| P4016-16DL                  | DDC21DL   | Solid  | 2,3,4,6-Tetrachlorophenol           | 1,900.000        | JD | 630 | 2100 | ug/Kg |
| P4016-16DL                  | DDC21DL   | Solid  | Pentachlorophenol                   | 25,000.000       | D  | 460 | 4000 | ug/Kg |
| <b>Total Svoc :</b>         |           |        |                                     | <b>26,900.00</b> |    |     |      |       |
| <b>Total Concentration:</b> |           |        |                                     | <b>49,040.00</b> |    |     |      |       |

Client ID : DDC22

|          |       |       |                                    |           |   |  |  |  |
|----------|-------|-------|------------------------------------|-----------|---|--|--|--|
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Cyclic14.152 *       | 770.000   | J |  |  |  |
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Cyclic6.052 *        | 340.000   | J |  |  |  |
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Straight-Chain11.1 * | 270.000   | J |  |  |  |
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Straight-Chain11.6 * | 520.000   | J |  |  |  |
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Straight-Chain12.5 * | 440.000   | J |  |  |  |
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Straight-Chain13.5 * | 360.000   | J |  |  |  |
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Straight-Chain14.5 * | 340.000   | J |  |  |  |
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Straight-Chain14.9 * | 1,500.000 | J |  |  |  |
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Straight-Chain15.2 * | 690.000   | J |  |  |  |
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Straight-Chain15.5 * | 230.000   | J |  |  |  |
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Straight-Chain15.8 * | 1,000.000 | J |  |  |  |
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Straight-Chain16.5 * | 700.000   | J |  |  |  |
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Straight-Chain18.6 * | 460.000   | J |  |  |  |
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Straight-Chain18.6 * | 490.000   | J |  |  |  |
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Straight-Chain19.2 * | 310.000   | J |  |  |  |
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Straight-Chain19.7 * | 550.000   | J |  |  |  |
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Straight-Chain21.2 * | 330.000   | J |  |  |  |
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Straight-Chain21.7 * | 360.000   | J |  |  |  |
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Straight-Chain5.4 *  | 1,100.000 | J |  |  |  |
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Straight-Chain5.9 *  | 290.000   | J |  |  |  |
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Straight-Chain6.4 *  | 360.000   | J |  |  |  |
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Straight-Chain6.4 *  | 450.000   | J |  |  |  |
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Straight-Chain7.0 *  | 2,700.000 | J |  |  |  |
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Straight-Chain7.9 *  | 290.000   | J |  |  |  |
| P4016-17 | DDC22 | Solid | (DEL) Alkane: Straight-Chain8.0 *  | 350.000   | J |  |  |  |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID           | Client ID | Matrix | Parameter                                 | Concentration    | C | MDL | RDL | Units |
|---------------------|-----------|--------|-------------------------------------------|------------------|---|-----|-----|-------|
| P4016-17            | DDC22     | Solid  | (DEL) Alkane: Straight-Chain8.1: *        | 420.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | (DEL) Alkane: Straight-Chain8.61 *        | 2,100.000        | J |     |     |       |
| P4016-17            | DDC22     | Solid  | (DEL) Alkane: Straight-Chain9.4: *        | 110.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | 1,2,3,4,5,6,7,8-Octahydro-1-methyl- *     | 2,500.000        | J |     |     |       |
| P4016-17            | DDC22     | Solid  | 1,3-Pentanediol, 2,2,4-trimethyl- *       | 490.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | 1-Hexanol, 2-ethyl- *                     | 2,100.000        | J |     |     |       |
| P4016-17            | DDC22     | Solid  | 2,3-Dihydrothieno[3,4-b][1,4]diox *       | 430.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | 2-Bromo dodecane *                        | 410.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | 2-Ethylhexyl mercaptoacetate *            | 4,400.000        | J |     |     |       |
| P4016-17            | DDC22     | Solid  | 2-Methylidene-hydrazono-3-methyl- *       | 960.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | 2-Pentanone, 4-hydroxy-4-methyl *         | 440.000          | A |     |     |       |
| P4016-17            | DDC22     | Solid  | 9-Methyl-S-octahydroanthracene *          | 550.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | Benzene, 1,3,5-trimethyl-2-(1-methyl- *   | 710.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | Benzene, 1-methyl-3-propyl- *             | 560.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | Benzene, 2-ethyl-1,4-dimethyl- *          | 270.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | Butanoic acid *                           | 420.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | Carbonic acid, 2-ethylhexyl tridec *      | 710.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | Cyclopropane, 1-methoxy-2,2-dimethyl- *   | 2,000.000        | J |     |     |       |
| P4016-17            | DDC22     | Solid  | Hexylene glycol *                         | 810.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | Naphthalene, 1,6-dimethyl- *              | 280.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | Naphthalene, 2,3-dimethyl- *              | 340.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | Naphthalene, 2,6-dimethyl- *              | 550.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | Propanoic acid, 2,2-dimethyl-, 2-ethyl- * | 340.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | Tridecane, 1-iodo- *                      | 700.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | unknown-01 *                              | 440.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | unknown-02 *                              | 660.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | unknown-03 *                              | 300.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | unknown-04 *                              | 420.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | unknown-05 *                              | 520.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | unknown-06 *                              | 410.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | unknown-07 *                              | 310.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | unknown-08 *                              | 440.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | unknown-09 *                              | 600.000          | J |     |     |       |
| P4016-17            | DDC22     | Solid  | Total Alkanes *                           | 18,000.000       |   | 57  | 210 | ug/Kg |
| <b>Total Tics :</b> |           |        |                                           | <b>59,900.00</b> |   |     |     |       |
| P4016-17            | DDC22     | Solid  | 1,1-Biphenyl                              | 70.000           | J | 57  | 210 | ug/Kg |
| P4016-17            | DDC22     | Solid  | 1-Methylnaphthalene                       | 350.000          |   | 23  | 210 | ug/Kg |
| P4016-17            | DDC22     | Solid  | 2,3,4,6-Tetrachlorophenol                 | 3,600.000        | E | 64  | 210 | ug/Kg |
| P4016-17            | DDC22     | Solid  | 2-Methylnaphthalene                       | 580.000          |   | 46  | 210 | ug/Kg |
| P4016-17            | DDC22     | Solid  | Isophorone                                | 260.000          |   | 44  | 210 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID            | Client ID | Matrix | Parameter         | Concentration | C | MDL | RDL | Units |
|----------------------|-----------|--------|-------------------|---------------|---|-----|-----|-------|
| P4016-17             | DDC22     | Solid  | Naphthalene       | 220.000       |   | 41  | 210 | ug/Kg |
| P4016-17             | DDC22     | Solid  | Pentachlorophenol | 30,000.000    | E | 47  | 410 | ug/Kg |
| P4016-17             | DDC22     | Solid  | Phenanthrene      | 120.000       | J | 65  | 210 | ug/Kg |
| Total Svoc :         |           |        |                   | 35,200.00     |   |     |     |       |
| Total Concentration: |           |        |                   | 95,100.00     |   |     |     |       |

Client ID : DDC22DL

|            |         |       |                                     |   |           |    |  |  |
|------------|---------|-------|-------------------------------------|---|-----------|----|--|--|
| P4016-17DL | DDC22DL | Solid | (DEL) Alkane: Cyclic6.046           | * | 990.000   | JD |  |  |
| P4016-17DL | DDC22DL | Solid | (DEL) Alkane: Straight-Chain11.5    | * | 1,800.000 | JD |  |  |
| P4016-17DL | DDC22DL | Solid | (DEL) Alkane: Straight-Chain12.8    | * | 2,100.000 | JD |  |  |
| P4016-17DL | DDC22DL | Solid | (DEL) Alkane: Straight-Chain14.9    | * | 2,500.000 | JD |  |  |
| P4016-17DL | DDC22DL | Solid | (DEL) Alkane: Straight-Chain15.2    | * | 1,100.000 | JD |  |  |
| P4016-17DL | DDC22DL | Solid | (DEL) Alkane: Straight-Chain15.7    | * | 1,800.000 | JD |  |  |
| P4016-17DL | DDC22DL | Solid | (DEL) Alkane: Straight-Chain16.4    | * | 1,300.000 | JD |  |  |
| P4016-17DL | DDC22DL | Solid | (DEL) Alkane: Straight-Chain17.2    | * | 1,200.000 | JD |  |  |
| P4016-17DL | DDC22DL | Solid | (DEL) Alkane: Straight-Chain5.44    | * | 2,900.000 | JD |  |  |
| P4016-17DL | DDC22DL | Solid | (DEL) Alkane: Straight-Chain6.40    | * | 890.000   | JD |  |  |
| P4016-17DL | DDC22DL | Solid | (DEL) Alkane: Straight-Chain6.44    | * | 1,100.000 | JD |  |  |
| P4016-17DL | DDC22DL | Solid | (DEL) Alkane: Straight-Chain7.02    | * | 7,400.000 | JD |  |  |
| P4016-17DL | DDC22DL | Solid | (DEL) Alkane: Straight-Chain8.14    | * | 990.000   | JD |  |  |
| P4016-17DL | DDC22DL | Solid | (DEL) Alkane: Straight-Chain8.61    | * | 5,600.000 | JD |  |  |
| P4016-17DL | DDC22DL | Solid | 1,2,3,4,5,6,7,8-Octahydro-1-methyl- | * | 840.000   | JD |  |  |
| P4016-17DL | DDC22DL | Solid | 1,3-Pentenediol, 2,2,4-trimethyl-   | * | 930.000   | JD |  |  |
| P4016-17DL | DDC22DL | Solid | 1-Hexanol, 2-ethyl-                 | * | 5,400.000 | JD |  |  |
| P4016-17DL | DDC22DL | Solid | 2,4-Dipropyl-5-ethyl-1,3-dioxane    | * | 1,500.000 | JD |  |  |
| P4016-17DL | DDC22DL | Solid | 2-Ethylhexyl mercaptoacetate        | * | 8,800.000 | JD |  |  |
| P4016-17DL | DDC22DL | Solid | 2-Pentanone, 4-hydroxy-4-methyl     | * | 1,100.000 | A  |  |  |
| P4016-17DL | DDC22DL | Solid | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4-   | * | 3,900.000 | JD |  |  |
| P4016-17DL | DDC22DL | Solid | 4-(1-Pyrrolyl)acetophenone          | * | 3,300.000 | JD |  |  |
| P4016-17DL | DDC22DL | Solid | Benzene, 1,3,5-trimethyl-2-(1-met   | * | 2,500.000 | JD |  |  |
| P4016-17DL | DDC22DL | Solid | Benzene, 1-ethyl-2-methyl-          | * | 850.000   | JD |  |  |
| P4016-17DL | DDC22DL | Solid | Benzene, 1-methyl-3-propyl-         | * | 1,400.000 | JD |  |  |
| P4016-17DL | DDC22DL | Solid | Hexylene glycol                     | * | 1,600.000 | JD |  |  |
| P4016-17DL | DDC22DL | Solid | Naphthalene, 1,6-dimethyl-          | * | 890.000   | JD |  |  |
| P4016-17DL | DDC22DL | Solid | Sulfurous acid, 2-ethylhexyl nonyl  | * | 990.000   | JD |  |  |
| P4016-17DL | DDC22DL | Solid | unknown-01                          | * | 1,100.000 | JD |  |  |
| P4016-17DL | DDC22DL | Solid | unknown-02                          | * | 990.000   | JD |  |  |
| P4016-17DL | DDC22DL | Solid | unknown-03                          | * | 960.000   | JD |  |  |
| P4016-17DL | DDC22DL | Solid | unknown-04                          | * | 1,100.000 | JD |  |  |
| P4016-17DL | DDC22DL | Solid | unknown-05                          | * | 990.000   | JD |  |  |
| P4016-17DL | DDC22DL | Solid | unknown-06                          | * | 1,700.000 | JD |  |  |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID                   | Client ID | Matrix | Parameter                 | Concentration     | C          | MDL   | RDL  | Units |
|-----------------------------|-----------|--------|---------------------------|-------------------|------------|-------|------|-------|
| P4016-17DL                  | DDC22DL   | Solid  | Total Alkanes             | *                 | 32,000.000 | D 570 | 2100 | ug/Kg |
| <b>Total Tics :</b>         |           |        |                           | <b>104,510.00</b> |            |       |      |       |
| P4016-17DL                  | DDC22DL   | Solid  | 2,3,4,6-Tetrachlorophenol | 4,000.000         | D          | 640   | 2100 | ug/Kg |
| P4016-17DL                  | DDC22DL   | Solid  | 2-Methylnaphthalene       | 670.000           | JD         | 460   | 2100 | ug/Kg |
| P4016-17DL                  | DDC22DL   | Solid  | Pentachlorophenol         | 55,000.000        | D          | 470   | 4100 | ug/Kg |
| <b>Total Svoc :</b>         |           |        |                           | <b>59,670.00</b>  |            |       |      |       |
| <b>Total Concentration:</b> |           |        |                           | <b>164,180.00</b> |            |       |      |       |

Client ID : DDC23

|          |       |       |                                  |   |           |   |  |
|----------|-------|-------|----------------------------------|---|-----------|---|--|
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Cyclic11.657       | * | 190.000   | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Cyclic5.704        | * | 330.000   | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Cyclic7.681        | * | 700.000   | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Cyclic9.186        | * | 140.000   | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain10.3 | * | 100.000   | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain11.6 | * | 470.000   | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain13.5 | * | 1,900.000 | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain14.6 | * | 950.000   | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain14.9 | * | 2,400.000 | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain15.2 | * | 1,800.000 | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain15.8 | * | 2,400.000 | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain16.6 | * | 1,500.000 | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain16.6 | * | 1,600.000 | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain17.3 | * | 1,600.000 | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain18.6 | * | 1,400.000 | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain18.6 | * | 1,500.000 | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain19.8 | * | 1,100.000 | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain20.7 | * | 1,800.000 | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain21.2 | * | 810.000   | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain21.7 | * | 1,200.000 | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain5.46 | * | 1,200.000 | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain5.91 | * | 400.000   | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain5.95 | * | 410.000   | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain6.32 | * | 360.000   | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain6.42 | * | 490.000   | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain6.48 | * | 770.000   | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain7.02 | * | 2,100.000 | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain7.24 | * | 300.000   | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain7.95 | * | 510.000   | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain8.17 | * | 810.000   | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain8.62 | * | 1,900.000 | J |  |
| P4016-18 | DDC23 | Solid | (DEL) Alkane: Straight-Chain9.47 | * | 230.000   | J |  |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID           | Client ID | Matrix | Parameter                          | Concentration    | C | MDL | RDL | Units |
|---------------------|-----------|--------|------------------------------------|------------------|---|-----|-----|-------|
| P4016-18            | DDC23     | Solid  | (DEL) Alkane: Straight-Chain9.5    | * 130.000        | J |     |     |       |
| P4016-18            | DDC23     | Solid  | (DEL) Alkane: Straight-Chain9.6    | * 120.000        | J |     |     |       |
| P4016-18            | DDC23     | Solid  | (DEL) Alkane: Straight-Chain9.7    | * 190.000        | J |     |     |       |
| P4016-18            | DDC23     | Solid  | 1-Hexanol, 2-ethyl-                | * 1,300.000      | J |     |     |       |
| P4016-18            | DDC23     | Solid  | 2,6-Pyridinediamine                | * 790.000        | J |     |     |       |
| P4016-18            | DDC23     | Solid  | 2-Heptanone, 4,6-dimethyl-         | * 550.000        | J |     |     |       |
| P4016-18            | DDC23     | Solid  | 4,6,8-Trimethylazulene             | * 2,900.000      | J |     |     |       |
| P4016-18            | DDC23     | Solid  | 9-Methyl-S-octahydroanthracene     | * 2,000.000      | J |     |     |       |
| P4016-18            | DDC23     | Solid  | 9-Octadecenoic acid, (E)-          | * 930.000        | J |     |     |       |
| P4016-18            | DDC23     | Solid  | Anthracene, 2-methyl-              | * 720.000        | J |     |     |       |
| P4016-18            | DDC23     | Solid  | Bacchotricuneatin c                | * 1,200.000      | J |     |     |       |
| P4016-18            | DDC23     | Solid  | Benzene, 1,3-diethyl-              | * 370.000        | J |     |     |       |
| P4016-18            | DDC23     | Solid  | Benzene, 1-ethyl-2-methyl-         | * 550.000        | J |     |     |       |
| P4016-18            | DDC23     | Solid  | Benzene, 1-ethyl-3-methyl-         | * 370.000        | J |     |     |       |
| P4016-18            | DDC23     | Solid  | Benzene, 1-methyl-3-propyl-        | * 990.000        | J |     |     |       |
| P4016-18            | DDC23     | Solid  | Benzene, 4-ethyl-1,2-dimethyl-     | * 470.000        | J |     |     |       |
| P4016-18            | DDC23     | Solid  | Benzene, propyl-                   | * 470.000        | J |     |     |       |
| P4016-18            | DDC23     | Solid  | Cyclohexanone, 2,3-dimethyl-       | * 490.000        | J |     |     |       |
| P4016-18            | DDC23     | Solid  | Cyclohexanone, 3,3,5-trimethyl-    | * 330.000        | J |     |     |       |
| P4016-18            | DDC23     | Solid  | D-Limonene                         | * 680.000        | J |     |     |       |
| P4016-18            | DDC23     | Solid  | Hexadecanoic acid, methyl ester    | * 1,600.000      | J |     |     |       |
| P4016-18            | DDC23     | Solid  | Hexylene glycol                    | * 940.000        | J |     |     |       |
| P4016-18            | DDC23     | Solid  | Naphthalene, 1,3-dimethyl-         | * 1,200.000      | J |     |     |       |
| P4016-18            | DDC23     | Solid  | Naphthalene, 1,4,6-trimethyl-      | * 840.000        | J |     |     |       |
| P4016-18            | DDC23     | Solid  | Naphthalene, 1,8-dimethyl-         | * 1,500.000      | J |     |     |       |
| P4016-18            | DDC23     | Solid  | Naphthalene, 2,7-dimethyl-         | * 1,200.000      | J |     |     |       |
| P4016-18            | DDC23     | Solid  | o-Cymene                           | * 500.000        | J |     |     |       |
| P4016-18            | DDC23     | Solid  | Propanoic acid, 2-methyl-, hexyl e | * 690.000        | J |     |     |       |
| P4016-18            | DDC23     | Solid  | Sulfurous acid, decyl 2-ethylhexyl | * 3,100.000      | J |     |     |       |
| P4016-18            | DDC23     | Solid  | unknown-01                         | * 850.000        | J |     |     |       |
| P4016-18            | DDC23     | Solid  | unknown-02                         | * 450.000        | J |     |     |       |
| P4016-18            | DDC23     | Solid  | unknown-03                         | * 790.000        | J |     |     |       |
| P4016-18            | DDC23     | Solid  | unknown-04                         | * 1,400.000      | J |     |     |       |
| P4016-18            | DDC23     | Solid  | Total Alkanes                      | * 34,000.000     |   | 56  | 210 | ug/Kg |
| <b>Total Tics :</b> |           |        |                                    | <b>97,980.00</b> |   |     |     |       |
| P4016-18            | DDC23     | Solid  | 1,1-Biphenyl                       | 450.000          |   | 56  | 210 | ug/Kg |
| P4016-18            | DDC23     | Solid  | 1-Methylnaphthalene                | 3,200.000        | E | 23  | 210 | ug/Kg |
| P4016-18            | DDC23     | Solid  | 2,3,4,6-Tetrachlorophenol          | 16,000.000       | E | 63  | 210 | ug/Kg |
| P4016-18            | DDC23     | Solid  | 2,4,5-Trichlorophenol              | 480.000          |   | 60  | 210 | ug/Kg |
| P4016-18            | DDC23     | Solid  | 2,4,6-Trichlorophenol              | 190.000          | J | 61  | 210 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID            | Client ID | Matrix | Parameter                  | Concentration | C | MDL | RDL | Units |
|----------------------|-----------|--------|----------------------------|---------------|---|-----|-----|-------|
| P4016-18             | DDC23     | Solid  | 2-Methylnaphthalene        | 5,400.000     | E | 45  | 210 | ug/Kg |
| P4016-18             | DDC23     | Solid  | Acenaphthene               | 150.000       | J | 61  | 210 | ug/Kg |
| P4016-18             | DDC23     | Solid  | Bis(2-ethylhexyl)phthalate | 110.000       | J | 52  | 210 | ug/Kg |
| P4016-18             | DDC23     | Solid  | Fluorene                   | 320.000       |   | 71  | 210 | ug/Kg |
| P4016-18             | DDC23     | Solid  | Naphthalene                | 2,200.000     |   | 40  | 210 | ug/Kg |
| P4016-18             | DDC23     | Solid  | Pentachlorophenol          | 100,000.000   | E | 46  | 400 | ug/Kg |
| P4016-18             | DDC23     | Solid  | Phenanthrene               | 840.000       |   | 64  | 210 | ug/Kg |
| Total Svoc :         |           |        |                            | 129,340.00    |   |     |     |       |
| Total Concentration: |           |        |                            | 227,320.00    |   |     |     |       |

Client ID : DDC23DL

|            |         |       |                                  |   |            |    |
|------------|---------|-------|----------------------------------|---|------------|----|
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Cyclic11.634       | * | 1,700.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Cyclic7.663        | * | 5,000.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain11.5 | * | 3,400.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain12.5 | * | 2,600.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain12.4 | * | 2,600.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain12.5 | * | 4,000.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain13.5 | * | 5,800.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain14.5 | * | 3,300.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain14.5 | * | 11,000.000 | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain15.5 | * | 5,100.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain15.8 | * | 11,000.000 | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain16.5 | * | 7,800.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain16.6 | * | 4,900.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain17.3 | * | 6,800.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain18.6 | * | 5,200.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain18.6 | * | 5,600.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain19.2 | * | 2,400.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain19.7 | * | 2,700.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain20.7 | * | 4,400.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain21.7 | * | 2,700.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain5.4  | * | 9,700.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain5.6  | * | 2,100.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain5.9  | * | 2,600.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain5.9  | * | 3,200.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain6.0  | * | 2,000.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain6.3  | * | 2,300.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain6.3  | * | 2,800.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain6.4  | * | 3,900.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain6.4  | * | 5,000.000  | JD |
| P4016-18DL | DDC23DL | Solid | (DEL) Alkane: Straight-Chain7.0  | * | 31,000.000 | JD |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID           | Client ID | Matrix | Parameter                          | Concentration     | C  | MDL | RDL  | Units |
|---------------------|-----------|--------|------------------------------------|-------------------|----|-----|------|-------|
| P4016-18DL          | DDC23DL   | Solid  | (DEL) Alkane: Straight-Chain7.98 * | 3,500.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | (DEL) Alkane: Straight-Chain8.14 * | 5,600.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | (DEL) Alkane: Straight-Chain8.61 * | 23,000.000        | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | (DEL) Alkane: Straight-Chain9.16 * | 940.000           | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | (DEL) Alkane: Straight-Chain9.44 * | 1,700.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | (DEL) Alkane: Straight-Chain9.51 * | 930.000           | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | (DEL) Alkane: Straight-Chain9.56 * | 860.000           | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | 1-Hexanol, 2-ethyl-                | 7,000.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | 2,4-Dipropyl-5-ethyl-1,3-dioxane   | 3,900.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | 2-Heptanone, 4,6-dimethyl-         | 3,700.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4-  | 9,100.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | 4,6,8-Trimethylazulene             | 2,900.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | 4-(1-Pyrrolyl)acetophenone         | 7,500.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | Benzene, 1,3-diethyl-              | 2,600.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | Benzene, 1-ethyl-2-methyl-         | 3,600.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | Benzene, 1-methyl-3-propyl-        | 7,300.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | Benzene, 2-ethyl-1,4-dimethyl-     | 2,900.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | Benzene, 4-ethyl-1,2-dimethyl-     | 4,200.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | Cyclohexanol, 1-methyl-            | 2,400.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | Cyclohexanone, 2,3-dimethyl-       | 3,300.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | Hexadecanoic acid, methyl ester    | 5,400.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | Hexylene glycol                    | 4,000.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | Mesitylene                         | 2,700.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | Naphthalene, 1,6-dimethyl-         | 5,100.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | Naphthalene, 2,3,6-trimethyl-      | 2,300.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | Naphthalene, 2,3-dimethyl-         | 3,900.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | Naphthalene, 2,7-dimethyl-         | 5,800.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | o-Cymene                           | 3,200.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | Sulfurous acid, decyl 2-ethylhexyl | 18,000.000        | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | Tetrahydro[2,2]bifuranyl-5-one     | 2,400.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | unknown-01                         | 6,500.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | unknown-02                         | 3,200.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | unknown-03                         | 2,500.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | unknown-04                         | 3,800.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | unknown-05                         | 2,300.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | unknown-06                         | 4,400.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | unknown-07                         | 3,000.000         | JD |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | Total Alkanes                      | 200,000.000       | D  | 560 | 2100 | ug/Kg |
| <b>Total Tics :</b> |           |        |                                    | <b>538,030.00</b> |    |     |      |       |
| P4016-18DL          | DDC23DL   | Solid  | 1-Methylnaphthalene                | 3,200.000         | D  | 230 | 2100 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID            | Client ID | Matrix | Parameter                 | Concentration | C  | MDL | RDL  | Units |
|----------------------|-----------|--------|---------------------------|---------------|----|-----|------|-------|
| P4016-18DL           | DDC23DL   | Solid  | 2,3,4,6-Tetrachlorophenol | 25,000.000    | D  | 630 | 2100 | ug/Kg |
| P4016-18DL           | DDC23DL   | Solid  | 2-Methylnaphthalene       | 5,600.000     | D  | 450 | 2100 | ug/Kg |
| P4016-18DL           | DDC23DL   | Solid  | Naphthalene               | 2,500.000     | D  | 400 | 2100 | ug/Kg |
| P4016-18DL           | DDC23DL   | Solid  | Pentachlorophenol         | 260,000.000   | ED | 460 | 4000 | ug/Kg |
| P4016-18DL           | DDC23DL   | Solid  | Phenanthrene              | 1,000.000     | JD | 640 | 2100 | ug/Kg |
| Total Svoc :         |           |        |                           | 297,300.00    |    |     |      |       |
| Total Concentration: |           |        |                           | 835,330.00    |    |     |      |       |

Client ID : DDC24

|          |       |       |                                  |   |           |   |  |
|----------|-------|-------|----------------------------------|---|-----------|---|--|
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Cyclic12.304       | * | 520.000   | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Cyclic7.675        | * | 670.000   | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain10.6 | * | 230.000   | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain11.6 | * | 400.000   | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain12.2 | * | 670.000   | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain12.3 | * | 600.000   | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain12.4 | * | 930.000   | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain13.4 | * | 1,500.000 | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain13.5 | * | 2,800.000 | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain14.6 | * | 710.000   | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain14.9 | * | 2,300.000 | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain15.3 | * | 1,400.000 | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain15.8 | * | 2,900.000 | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain16.6 | * | 2,100.000 | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain16.6 | * | 1,700.000 | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain17.3 | * | 1,900.000 | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain18.6 | * | 1,500.000 | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain18.6 | * | 1,700.000 | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain19.2 | * | 410.000   | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain19.8 | * | 440.000   | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain20.7 | * | 800.000   | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain21.7 | * | 470.000   | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain5.4  | * | 1,100.000 | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain5.7  | * | 270.000   | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain5.9  | * | 280.000   | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain5.9  | * | 430.000   | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain6.3  | * | 300.000   | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain6.3  | * | 350.000   | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain6.4  | * | 510.000   | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain6.4  | * | 660.000   | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain7.0  | * | 2,600.000 | J |  |
| P4016-21 | DDC24 | Solid | (DEL) Alkane: Straight-Chain7.5  | * | 280.000   | J |  |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** BN100224

**Client:**

| Sample ID           | Client ID | Matrix | Parameter                           | Concentration    | C | MDL | RDL | Units |
|---------------------|-----------|--------|-------------------------------------|------------------|---|-----|-----|-------|
| P4016-21            | DDC24     | Solid  | (DEL) Alkane: Straight-Chain7.9*    | 500.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | (DEL) Alkane: Straight-Chain8.1*    | 740.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | (DEL) Alkane: Straight-Chain8.6*    | 2,200.000        | J |     |     |       |
| P4016-21            | DDC24     | Solid  | (DEL) Alkane: Straight-Chain9.1*    | 81.000           | J |     |     |       |
| P4016-21            | DDC24     | Solid  | (DEL) Alkane: Straight-Chain9.4*    | 190.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | (DEL) Alkane: Straight-Chain9.5*    | 100.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | (DEL) Alkane: Straight-Chain9.6*    | 110.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | (DEL) Alkane: Straight-Chain9.7*    | 100.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | 2,4-Dipropyl-5-ethyl-1,3-dioxane *  | 210.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | 2-Heptanone, 4,6-dimethyl- *        | 330.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | 3-Octen-2-ol *                      | 280.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | Benzene, 1,3,5-trimethyl-2-(1-met * | 200.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | Benzene, 1,3-diethyl- *             | 290.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | Benzene, 1-ethyl-2-methyl- *        | 390.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | Benzene, 1-ethyl-3-methyl- *        | 390.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | Benzene, 1-methyl-4-propyl- *       | 950.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | Benzene, 2-ethyl-1,4-dimethyl- *    | 390.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | Benzene, 4-ethyl-1,2-dimethyl- *    | 490.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | Cyclohexanone, 2,3-dimethyl- *      | 420.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | Cyclopropane, 1-methoxy-2,2-din *   | 1,400.000        | J |     |     |       |
| P4016-21            | DDC24     | Solid  | Hexadecanoic acid, methyl ester *   | 1,700.000        | J |     |     |       |
| P4016-21            | DDC24     | Solid  | Mesitylene *                        | 420.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | n-Hexadecanoic acid *               | 890.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | Naphthalene, 1,2-dimethyl- *        | 1,500.000        | J |     |     |       |
| P4016-21            | DDC24     | Solid  | Naphthalene, 1,4,6-trimethyl- *     | 620.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | Naphthalene, 1,4-dimethyl- *        | 550.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | Naphthalene, 1,6,7-trimethyl- *     | 610.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | Naphthalene, 1,7-dimethyl- *        | 1,100.000        | J |     |     |       |
| P4016-21            | DDC24     | Solid  | Naphthalene, 2,3,6-trimethyl- *     | 1,900.000        | J |     |     |       |
| P4016-21            | DDC24     | Solid  | Naphthalene, 2,7-dimethyl- *        | 970.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | o-Cymene *                          | 430.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | Oxalic acid, isobutyl nonyl ester * | 460.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | p-Cymene *                          | 120.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | unknown-01 *                        | 850.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | unknown-02 *                        | 130.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | unknown-03 *                        | 380.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | unknown-04 *                        | 140.000          | J |     |     |       |
| P4016-21            | DDC24     | Solid  | unknown-05 *                        | 1,300.000        | J |     |     |       |
| P4016-21            | DDC24     | Solid  | Total Alkanes *                     | 37,000.000       |   | 55  | 200 | ug/Kg |
| <b>Total Tics :</b> |           |        |                                     | <b>94,261.00</b> |   |     |     |       |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** BN100224

**Client:**

| Sample ID                   | Client ID | Matrix | Parameter                 | Concentration     | C | MDL | RDL | Units |
|-----------------------------|-----------|--------|---------------------------|-------------------|---|-----|-----|-------|
| P4016-21                    | DDC24     | Solid  | 1,1-Biphenyl              | 220.000           |   | 55  | 200 | ug/Kg |
| P4016-21                    | DDC24     | Solid  | 1-Methylnaphthalene       | 1,500.000         |   | 23  | 200 | ug/Kg |
| P4016-21                    | DDC24     | Solid  | 2,3,4,6-Tetrachlorophenol | 5,400.000         | E | 62  | 200 | ug/Kg |
| P4016-21                    | DDC24     | Solid  | 2,4,5-Trichlorophenol     | 540.000           |   | 59  | 200 | ug/Kg |
| P4016-21                    | DDC24     | Solid  | 2-Methylnaphthalene       | 2,600.000         |   | 44  | 200 | ug/Kg |
| P4016-21                    | DDC24     | Solid  | Acenaphthene              | 77.000            | J | 60  | 200 | ug/Kg |
| P4016-21                    | DDC24     | Solid  | Fluorene                  | 160.000           | J | 69  | 200 | ug/Kg |
| P4016-21                    | DDC24     | Solid  | Naphthalene               | 930.000           |   | 40  | 200 | ug/Kg |
| P4016-21                    | DDC24     | Solid  | Pentachlorophenol         | 47,000.000        | E | 46  | 400 | ug/Kg |
| P4016-21                    | DDC24     | Solid  | Phenanthrene              | 450.000           |   | 63  | 200 | ug/Kg |
| <b>Total Svoc :</b>         |           |        |                           | <b>58,877.00</b>  |   |     |     |       |
| <b>Total Concentration:</b> |           |        |                           | <b>153,138.00</b> |   |     |     |       |

**Client ID : DDC24DL**

|            |         |       |                                  |   |            |    |  |
|------------|---------|-------|----------------------------------|---|------------|----|--|
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Cyclic5.699        | * | 1,400.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Cyclic7.663        | * | 3,400.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain11.5 | * | 2,700.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain12.2 | * | 1,300.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain12.4 | * | 1,100.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain12.5 | * | 1,900.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain12.8 | * | 5,500.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain13.5 | * | 3,100.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain14.5 | * | 1,500.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain14.9 | * | 5,000.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain15.7 | * | 4,700.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain16.5 | * | 3,600.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain16.6 | * | 2,000.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain17.3 | * | 3,100.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain18.6 | * | 2,300.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain18.6 | * | 2,200.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain19.2 | * | 1,000.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain19.7 | * | 1,000.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain21.7 | * | 1,100.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain5.4  | * | 6,100.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain5.9  | * | 2,200.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain6.3  | * | 1,500.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain6.3  | * | 1,500.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain6.4  | * | 2,800.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain6.4  | * | 3,400.000  | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain7.0  | * | 22,000.000 | JD |  |
| P4016-21DL | DDC24DL | Solid | (DEL) Alkane: Straight-Chain7.9  | * | 2,400.000  | JD |  |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID           | Client ID | Matrix | Parameter                            | Concentration     | C  | MDL | RDL  | Units |
|---------------------|-----------|--------|--------------------------------------|-------------------|----|-----|------|-------|
| P4016-21DL          | DDC24DL   | Solid  | (DEL) Alkane: Straight-Chain8.0: *   | 4,400.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | (DEL) Alkane: Straight-Chain8.1: *   | 3,400.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | (DEL) Alkane: Straight-Chain8.6: *   | 16,000.000        | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | (DEL) Alkane: Straight-Chain9.4: *   | 1,300.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | 11-Octadecenoic acid, methyl este *  | 1,600.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | 2-Heptanone, 4,6-dimethyl- *         | 1,600.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | 2-Propyl-1-pentanol, 2-methylpro *   | 1,500.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4- *  | 3,700.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | 3-Methyl-4-(methoxycarbonyl)he: *    | 2,600.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | Benzene, 1-ethyl-3-methyl- *         | 2,200.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | Benzene, 1-methyl-3-(1-methyletl *   | 2,300.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | Benzene, 2-ethyl-1,4-dimethyl- *     | 2,800.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | Carbonic acid, 2-ethylhexyl nonyl *  | 1,800.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | Cyclohexanone, 2,3-dimethyl- *       | 2,200.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | Cyclopropane, 1-methoxy-2,2-dim *    | 2,900.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | Heptyl isobutyl ketone *             | 1,500.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | Hexadecanoic acid, methyl ester *    | 2,500.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | Mesitylene *                         | 2,400.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | Naphthalene, 1,3-dimethyl- *         | 2,300.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | Naphthalene, 2,3,6-trimethyl- *      | 1,800.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | Naphthalene, 2,3-dimethyl- *         | 2,000.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | Naphthalene, 2,6-dimethyl- *         | 2,900.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | o-Cymene *                           | 2,000.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | Oxalic acid, isobutyl nonyl ester *  | 2,300.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | p-Cymene *                           | 4,900.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | Sulfurous acid, decyl 2-ethylhexyl * | 7,400.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | unknown-01 *                         | 1,400.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | unknown-02 *                         | 4,900.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | unknown-03 *                         | 4,200.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | unknown-04 *                         | 2,700.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | unknown-05 *                         | 1,900.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | unknown-06 *                         | 1,400.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | unknown-07 *                         | 1,700.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | unknown-08 *                         | 1,400.000         | JD |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | Total Alkanes *                      | 110,000.000       | D  | 550 | 2000 | ug/Kg |
| <b>Total Tics :</b> |           |        |                                      | <b>301,700.00</b> |    |     |      |       |
| P4016-21DL          | DDC24DL   | Solid  | 1-Methylnaphthalene                  | 1,400.000         | JD | 230 | 2000 | ug/Kg |
| P4016-21DL          | DDC24DL   | Solid  | 2,3,4,6-Tetrachlorophenol            | 5,400.000         | D  | 620 | 2000 | ug/Kg |
| P4016-21DL          | DDC24DL   | Solid  | 2-Methylnaphthalene                  | 2,400.000         | D  | 440 | 2000 | ug/Kg |
| P4016-21DL          | DDC24DL   | Solid  | Naphthalene                          | 850.000           | JD | 400 | 2000 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID            | Client ID | Matrix | Parameter                             | Concentration | C          | MDL | RDL  | Units |
|----------------------|-----------|--------|---------------------------------------|---------------|------------|-----|------|-------|
| P4016-21DL           | DDC24DL   | Solid  | Pentachlorophenol                     | 81,000.000    | ED         | 460 | 4000 | ug/Kg |
| Total Svoc :         |           |        |                                       | 91,050.00     |            |     |      |       |
| Total Concentration: |           |        |                                       | 392,750.00    |            |     |      |       |
| Client ID : DDC24DL2 |           |        |                                       |               |            |     |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | (DEL) Alkane: Cyclic7.663             | *             | 5,200.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | (DEL) Alkane: Straight-Chain11.5      | *             | 4,800.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | (DEL) Alkane: Straight-Chain12.8      | *             | 6,300.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | (DEL) Alkane: Straight-Chain13.5      | *             | 3,200.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | (DEL) Alkane: Straight-Chain13.9      | *             | 8,100.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | (DEL) Alkane: Straight-Chain14.9      | *             | 5,300.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | (DEL) Alkane: Straight-Chain15.2      | *             | 2,500.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | (DEL) Alkane: Straight-Chain15.7      | *             | 5,000.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | (DEL) Alkane: Straight-Chain16.4      | *             | 3,600.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | (DEL) Alkane: Straight-Chain17.2      | *             | 2,900.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | (DEL) Alkane: Straight-Chain5.4       | *             | 9,600.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | (DEL) Alkane: Straight-Chain5.9       | *             | 3,300.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | (DEL) Alkane: Straight-Chain6.4       | *             | 4,400.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | (DEL) Alkane: Straight-Chain6.4       | *             | 5,300.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | (DEL) Alkane: Straight-Chain6.5       | *             | 8,400.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | (DEL) Alkane: Straight-Chain7.0       | *             | 34,000.000 | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | (DEL) Alkane: Straight-Chain7.9       | *             | 3,800.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | (DEL) Alkane: Straight-Chain8.0       | *             | 6,100.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | (DEL) Alkane: Straight-Chain8.1       | *             | 5,200.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | (DEL) Alkane: Straight-Chain8.6       | *             | 25,000.000 | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | (DEL) Alkane: Straight-Chain9.4       | *             | 2,400.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | 1-Methylcycloheptanol                 | *             | 2,500.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | 2,8-Decadiyne                         | *             | 6,600.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | 2-Heptanone, 4,6-dimethyl-            | *             | 2,500.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | Benzene, 1,2,3-trimethyl-             | *             | 2,900.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | Benzene, 1-ethyl-2-methyl-            | *             | 3,700.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | Benzene, 1-ethyl-4-methyl-            | *             | 3,100.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | Benzene, 1-methyl-3-propyl-           | *             | 7,600.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | Benzene, 2-ethyl-1,4-dimethyl-        | *             | 3,100.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | Benzene, 4-(2-butenyl)-1,2-dimethyl-  | *             | 2,400.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | Benzene, 4-ethyl-1,2-dimethyl-        | *             | 4,300.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | Cyclohexanol, 1-methyl-               | *             | 3,300.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | Cyclohexanone, 2,3-dimethyl-          | *             | 3,700.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | Cyclopropane, 1-methoxy-2,2-dimethyl- | *             | 3,200.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | Heptyl isobutyl ketone                | *             | 2,600.000  | JD  |      |       |
| P4016-21DL2          | DDC24DL2  | Solid  | Mesitylene                            | *             | 3,000.000  | JD  |      |       |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID            | Client ID | Matrix | Parameter                        | Concentration | C           | MDL | RDL  | Units       |
|----------------------|-----------|--------|----------------------------------|---------------|-------------|-----|------|-------------|
| P4016-21DL2          | DDC24DL2  | Solid  | Naphthalene, 1,6-dimethyl-       | *             | 3,200.000   | JD  |      |             |
| P4016-21DL2          | DDC24DL2  | Solid  | Naphthalene, 2,3,6-trimethyl-    | *             | 4,200.000   | JD  |      |             |
| P4016-21DL2          | DDC24DL2  | Solid  | Naphthalene, 2,6-dimethyl-       | *             | 2,500.000   | JD  |      |             |
| P4016-21DL2          | DDC24DL2  | Solid  | o-Cymene                         | *             | 3,700.000   | JD  |      |             |
| P4016-21DL2          | DDC24DL2  | Solid  | p-Cymene                         | *             | 7,100.000   | JD  |      |             |
| P4016-21DL2          | DDC24DL2  | Solid  | unknown-01                       | *             | 5,000.000   | JD  |      |             |
| P4016-21DL2          | DDC24DL2  | Solid  | unknown-02                       | *             | 2,500.000   | JD  |      |             |
| P4016-21DL2          | DDC24DL2  | Solid  | Total Alkanes                    | *             | 150,000.000 | D   | 1700 | 6100 ug/Kg  |
| Total Tics :         |           |        |                                  | 387,100.00    |             |     |      |             |
| P4016-21DL2          | DDC24DL2  | Solid  | 1-Methylnaphthalene              |               | 1,400.000   | JD  | 680  | 6100 ug/Kg  |
| P4016-21DL2          | DDC24DL2  | Solid  | 2,3,4,6-Tetrachlorophenol        |               | 4,900.000   | JD  | 1900 | 6100 ug/Kg  |
| P4016-21DL2          | DDC24DL2  | Solid  | 2-Methylnaphthalene              |               | 2,300.000   | JD  | 1300 | 6100 ug/Kg  |
| P4016-21DL2          | DDC24DL2  | Solid  | Pentachlorophenol                |               | 86,000.000  | D   | 1400 | 12000 ug/Kg |
| Total Svoc :         |           |        |                                  | 94,600.00     |             |     |      |             |
| Total Concentration: |           |        |                                  | 481,700.00    |             |     |      |             |
| Client ID : DDC25    |           |        |                                  |               |             |     |      |             |
| P4016-22             | DDC25     | Solid  | 1-Heneicosanol                   | *             | 170.000     | J   |      |             |
| P4016-22             | DDC25     | Solid  | Benzophenone                     | *             | 330.000     | J   |      |             |
| P4016-22             | DDC25     | Solid  | n-Hexadecanoic acid              | *             | 270.000     | J   |      |             |
| P4016-22             | DDC25     | Solid  | Total Alkanes                    | *             | 0.000       |     | 57   | 210 ug/Kg   |
| Total Tics :         |           |        |                                  | 770.00        |             |     |      |             |
| P4016-22             | DDC25     | Solid  | 2,3,4,6-Tetrachlorophenol        |               | 220.000     |     | 64   | 210 ug/Kg   |
| P4016-22             | DDC25     | Solid  | Pentachlorophenol                |               | 3,600.000   |     | 47   | 410 ug/Kg   |
| Total Svoc :         |           |        |                                  | 3,820.00      |             |     |      |             |
| Total Concentration: |           |        |                                  | 4,590.00      |             |     |      |             |
| Client ID : DDC40    |           |        |                                  |               |             |     |      |             |
| P4017-01             | DDC40     | Solid  | (DEL) Alkane: Cyclic14.152       | *             | 200.000     | J   |      |             |
| P4017-01             | DDC40     | Solid  | (DEL) Alkane: Straight-Chain11.5 | *             | 140.000     | J   |      |             |
| P4017-01             | DDC40     | Solid  | (DEL) Alkane: Straight-Chain12.8 | *             | 160.000     | J   |      |             |
| P4017-01             | DDC40     | Solid  | (DEL) Alkane: Straight-Chain14.9 | *             | 220.000     | J   |      |             |
| P4017-01             | DDC40     | Solid  | (DEL) Alkane: Straight-Chain15.2 | *             | 130.000     | J   |      |             |
| P4017-01             | DDC40     | Solid  | (DEL) Alkane: Straight-Chain15.8 | *             | 180.000     | J   |      |             |
| P4017-01             | DDC40     | Solid  | (DEL) Alkane: Straight-Chain16.5 | *             | 150.000     | J   |      |             |
| P4017-01             | DDC40     | Solid  | (DEL) Alkane: Straight-Chain16.6 | *             | 92.000      | J   |      |             |
| P4017-01             | DDC40     | Solid  | (DEL) Alkane: Straight-Chain18.6 | *             | 110.000     | J   |      |             |
| P4017-01             | DDC40     | Solid  | (DEL) Alkane: Straight-Chain18.6 | *             | 97.000      | J   |      |             |
| P4017-01             | DDC40     | Solid  | (DEL) Alkane: Straight-Chain20.7 | *             | 410.000     | J   |      |             |
| P4017-01             | DDC40     | Solid  | (DEL) Alkane: Straight-Chain21.7 | *             | 100.000     | J   |      |             |
| P4017-01             | DDC40     | Solid  | (DEL) Alkane: Straight-Chain5.4  | *             | 290.000     | J   |      |             |
| P4017-01             | DDC40     | Solid  | (DEL) Alkane: Straight-Chain5.98 | *             | 99.000      | J   |      |             |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID | Client ID | Matrix | Parameter                            | Concentration | C | MDL | RDL | Units |
|-----------|-----------|--------|--------------------------------------|---------------|---|-----|-----|-------|
| P4017-01  | DDC40     | Solid  | (DEL) Alkane: Straight-Chain6.31 *   | 92.000        | J |     |     |       |
| P4017-01  | DDC40     | Solid  | (DEL) Alkane: Straight-Chain6.40 *   | 150.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | (DEL) Alkane: Straight-Chain6.40 *   | 190.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | (DEL) Alkane: Straight-Chain7.02 *   | 1,100.000     | J |     |     |       |
| P4017-01  | DDC40     | Solid  | (DEL) Alkane: Straight-Chain7.98 *   | 150.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | (DEL) Alkane: Straight-Chain8.14 *   | 170.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | (DEL) Alkane: Straight-Chain8.61 *   | 700.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | (DEL) Alkane: Straight-Chain8.92 *   | 84.000        | J |     |     |       |
| P4017-01  | DDC40     | Solid  | 1-Hexanol, 2-ethyl-                  | 1,000.000     | J |     |     |       |
| P4017-01  | DDC40     | Solid  | 2-Heptanone, 4,6-dimethyl-           | 170.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | 2-Methyl-1-hexanol                   | 150.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | 2-Pentanone, 4-hydroxy-4-methyl *    | 400.000       | A |     |     |       |
| P4017-01  | DDC40     | Solid  | Benzene, 1,3-diethyl-                | 100.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | Benzene, 1-methyl-2-propyl-          | 130.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | Benzene, 1-methyl-4-propyl-          | 210.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | Benzene, 2-ethyl-1,4-dimethyl-       | 170.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | Benzophenone                         | 250.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | Butanoic acid                        | 250.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | Cyclohexanol, 1-methyl-              | 100.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | Cyclohexanone, 2,3-dimethyl-         | 120.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | Cyclohexanone, 3,3,5-trimethyl-      | 200.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | Hexanoic acid, 2-ethyl-              | 100.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | Hexylene glycol                      | 260.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | Mesitylene                           | 98.000        | J |     |     |       |
| P4017-01  | DDC40     | Solid  | n-Hexadecanoic acid                  | 650.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | Naphthalene, 1,7-dimethyl-           | 98.000        | J |     |     |       |
| P4017-01  | DDC40     | Solid  | Naphthalene, 2,3,6-trimethyl-        | 130.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | Naphthalene, 2,3-dimethyl-           | 98.000        | J |     |     |       |
| P4017-01  | DDC40     | Solid  | o-Cymene                             | 160.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | Octadecanoic acid                    | 160.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | Phenol, 2,3,5,6-tetrachloro-         | 110.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | Sulfurous acid, 2-ethylhexyl hepta * | 510.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | Tridecane, 1-iodo-                   | 130.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | unknown-01                           | 510.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | unknown-02                           | 120.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | unknown-03                           | 220.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | unknown-04                           | 230.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | unknown-05                           | 140.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | unknown-06                           | 340.000       | J |     |     |       |
| P4017-01  | DDC40     | Solid  | Total Alkanes                        | 5,000.000     |   | 56  | 210 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID            | Client ID | Matrix | Parameter                            | Concentration | C  | MDL | RDL  | Units |
|----------------------|-----------|--------|--------------------------------------|---------------|----|-----|------|-------|
| Total Tics :         |           |        |                                      | 17,328.00     |    |     |      |       |
| P4017-01             | DDC40     | Solid  | 1-Methylnaphthalene                  | 48.000        | J  | 23  | 210  | ug/Kg |
| P4017-01             | DDC40     | Solid  | 2,3,4,6-Tetrachlorophenol            | 4,500.000     | E  | 63  | 210  | ug/Kg |
| P4017-01             | DDC40     | Solid  | 2-Methylnaphthalene                  | 78.000        | J  | 45  | 210  | ug/Kg |
| P4017-01             | DDC40     | Solid  | Isophorone                           | 75.000        | J  | 44  | 210  | ug/Kg |
| P4017-01             | DDC40     | Solid  | Pentachlorophenol                    | 12,000.000    | E  | 46  | 400  | ug/Kg |
| Total Svoc :         |           |        |                                      | 16,701.00     |    |     |      |       |
| Total Concentration: |           |        |                                      | 34,029.00     |    |     |      |       |
| Client ID : DDC40DL  |           |        |                                      |               |    |     |      |       |
| P4017-01DL           | DDC40DL   | Solid  | (DEL) Alkane: Straight-Chain7.02 *   | 1,500.000     | JD |     |      |       |
| P4017-01DL           | DDC40DL   | Solid  | (DEL) Alkane: Straight-Chain8.61 *   | 960.000       | JD |     |      |       |
| P4017-01DL           | DDC40DL   | Solid  | 1-Hexanol, 2-ethyl- *                | 1,400.000     | JD |     |      |       |
| P4017-01DL           | DDC40DL   | Solid  | 2-Pentanone, 4-hydroxy-4-methyl *    | 570.000       | A  |     |      |       |
| P4017-01DL           | DDC40DL   | Solid  | Sulfurous acid, 2-ethylhexyl hepta * | 630.000       | JD |     |      |       |
| P4017-01DL           | DDC40DL   | Solid  | unknown-01 *                         | 690.000       | JD |     |      |       |
| P4017-01DL           | DDC40DL   | Solid  | Total Alkanes *                      | 2,500.000     | D  | 280 | 1000 | ug/Kg |
| Total Tics :         |           |        |                                      | 8,250.00      |    |     |      |       |
| P4017-01DL           | DDC40DL   | Solid  | 2,3,4,6-Tetrachlorophenol            | 5,100.000     | D  | 310 | 1000 | ug/Kg |
| P4017-01DL           | DDC40DL   | Solid  | Pentachlorophenol                    | 16,000.000    | D  | 230 | 2000 | ug/Kg |
| Total Svoc :         |           |        |                                      | 21,100.00     |    |     |      |       |
| Total Concentration: |           |        |                                      | 29,350.00     |    |     |      |       |
| Client ID : DDC43    |           |        |                                      |               |    |     |      |       |
| P4017-04             | DDC43     | Solid  | (DEL) Alkane: Cyclic7.663 *          | 470.000       | J  |     |      |       |
| P4017-04             | DDC43     | Solid  | (DEL) Alkane: Straight-Chain10.6 *   | 130.000       | J  |     |      |       |
| P4017-04             | DDC43     | Solid  | (DEL) Alkane: Straight-Chain11.4 *   | 83.000        | J  |     |      |       |
| P4017-04             | DDC43     | Solid  | (DEL) Alkane: Straight-Chain11.5 *   | 210.000       | J  |     |      |       |
| P4017-04             | DDC43     | Solid  | (DEL) Alkane: Straight-Chain12.5 *   | 290.000       | J  |     |      |       |
| P4017-04             | DDC43     | Solid  | (DEL) Alkane: Straight-Chain12.8 *   | 800.000       | J  |     |      |       |
| P4017-04             | DDC43     | Solid  | (DEL) Alkane: Straight-Chain13.5 *   | 420.000       | J  |     |      |       |
| P4017-04             | DDC43     | Solid  | (DEL) Alkane: Straight-Chain14.5 *   | 260.000       | J  |     |      |       |
| P4017-04             | DDC43     | Solid  | (DEL) Alkane: Straight-Chain14.9 *   | 860.000       | J  |     |      |       |
| P4017-04             | DDC43     | Solid  | (DEL) Alkane: Straight-Chain15.3 *   | 450.000       | J  |     |      |       |
| P4017-04             | DDC43     | Solid  | (DEL) Alkane: Straight-Chain15.8 *   | 940.000       | J  |     |      |       |
| P4017-04             | DDC43     | Solid  | (DEL) Alkane: Straight-Chain16.5 *   | 680.000       | J  |     |      |       |
| P4017-04             | DDC43     | Solid  | (DEL) Alkane: Straight-Chain16.6 *   | 380.000       | J  |     |      |       |
| P4017-04             | DDC43     | Solid  | (DEL) Alkane: Straight-Chain17.3 *   | 670.000       | J  |     |      |       |
| P4017-04             | DDC43     | Solid  | (DEL) Alkane: Straight-Chain18.6 *   | 580.000       | J  |     |      |       |
| P4017-04             | DDC43     | Solid  | (DEL) Alkane: Straight-Chain18.6 *   | 560.000       | J  |     |      |       |
| P4017-04             | DDC43     | Solid  | (DEL) Alkane: Straight-Chain19.2 *   | 320.000       | J  |     |      |       |
| P4017-04             | DDC43     | Solid  | (DEL) Alkane: Straight-Chain19.8 *   | 280.000       | J  |     |      |       |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID | Client ID | Matrix | Parameter                            | Concentration | C         | MDL | RDL | Units |
|-----------|-----------|--------|--------------------------------------|---------------|-----------|-----|-----|-------|
| P4017-04  | DDC43     | Solid  | (DEL) Alkane: Straight-Chain20.3 *   | 240.000       | J         |     |     |       |
| P4017-04  | DDC43     | Solid  | (DEL) Alkane: Straight-Chain21.2 *   | 240.000       | J         |     |     |       |
| P4017-04  | DDC43     | Solid  | (DEL) Alkane: Straight-Chain5.4 *    | 600.000       | J         |     |     |       |
| P4017-04  | DDC43     | Solid  | (DEL) Alkane: Straight-Chain6.4 *    | 320.000       | J         |     |     |       |
| P4017-04  | DDC43     | Solid  | (DEL) Alkane: Straight-Chain6.4 *    | 410.000       | J         |     |     |       |
| P4017-04  | DDC43     | Solid  | (DEL) Alkane: Straight-Chain7.0 *    | 2,800.000     | J         |     |     |       |
| P4017-04  | DDC43     | Solid  | (DEL) Alkane: Straight-Chain7.9 *    | 350.000       | J         |     |     |       |
| P4017-04  | DDC43     | Solid  | (DEL) Alkane: Straight-Chain8.1 *    | 510.000       | J         |     |     |       |
| P4017-04  | DDC43     | Solid  | (DEL) Alkane: Straight-Chain8.6 *    | 2,100.000     | J         |     |     |       |
| P4017-04  | DDC43     | Solid  | (DEL) Alkane: Straight-Chain9.4 *    | 130.000       | J         |     |     |       |
| P4017-04  | DDC43     | Solid  | 1-Hexanol, 2-ethyl-                  | *             | 1,400.000 | J   |     |       |
| P4017-04  | DDC43     | Solid  | 2-Heptanone, 4,6-dimethyl-           | *             | 480.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | 4,6,8-Trimethylazulene               | *             | 690.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | 8-Octadecenoic acid, methyl ester    | *             | 680.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | Benzene, 1,2-diethyl-                | *             | 320.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | Benzene, 1-ethyl-2-methyl-           | *             | 350.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | Benzene, 1-methyl-2-propyl-          | *             | 360.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | Benzene, 1-methyl-3-(1-methylethyl)- | *             | 360.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | Benzene, 1-methyl-3-propyl-          | *             | 700.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | Benzene, 2-ethyl-1,4-dimethyl-       | *             | 550.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | Benzophenone                         | *             | 790.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | Butanoic acid, butyl ester           | *             | 360.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | Carbonic acid, 2-ethylhexyl nonyl    | *             | 710.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | Cyclohexanone, 3,3,5-trimethyl-      | *             | 410.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | Hexadecanoic acid, methyl ester      | *             | 1,000.000 | J   |     |       |
| P4017-04  | DDC43     | Solid  | Methyl stearate                      | *             | 370.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | n-Hexadecanoic acid                  | *             | 460.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | Naphthalene, 1,5-dimethyl-           | *             | 510.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | Naphthalene, 1,6,7-trimethyl-        | *             | 280.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | Naphthalene, 2,3,6-trimethyl-        | *             | 270.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | Naphthalene, 2,3-dimethyl-           | *             | 510.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | Naphthalene, 2,6-dimethyl-           | *             | 730.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | o-Cymene                             | *             | 310.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | Oxalic acid, 2-ethylhexyl tetradec   | *             | 370.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | Phytol                               | *             | 290.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | Propanoic acid, 2-methyl-, 2-ethyl   | *             | 390.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | Silane, trimethyl-2-naphthalenyl-    | *             | 460.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | Sulfurous acid, 2-ethylhexyl nonyl   | *             | 1,900.000 | J   |     |       |
| P4017-04  | DDC43     | Solid  | unknown-01                           | *             | 660.000   | J   |     |       |
| P4017-04  | DDC43     | Solid  | unknown-02                           | *             | 280.000   | J   |     |       |



## SDG No.: BN100224

**Client:**

**Client ID : DDC43DL**

**Client ID : DDC43DL2**

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID            | Client ID | Matrix | Parameter                        | Concentration | C       | MDL    | RDL  | Units |
|----------------------|-----------|--------|----------------------------------|---------------|---------|--------|------|-------|
| P4017-04DL2          | DDC43DL2  | Solid  | Total Alkanes                    | *             | 0.000   | D 1100 | 4000 | ug/Kg |
| Total Tics :         |           |        |                                  | 0.00          |         |        |      |       |
| P4017-04DL2          | DDC43DL2  | Solid  | 2,3,4,6-Tetrachlorophenol        | 3,300.000     | JD      | 1200   | 4000 | ug/Kg |
| P4017-04DL2          | DDC43DL2  | Solid  | Pentachlorophenol                | 44,000.000    | D       | 900    | 7800 | ug/Kg |
| Total Svoc :         |           |        |                                  | 47,300.00     |         |        |      |       |
| Total Concentration: |           |        |                                  | 47,300.00     |         |        |      |       |
| Client ID : DDC44    |           |        |                                  |               |         |        |      |       |
| P4017-05             | DDC44     | Solid  | (DEL) Alkane: Straight-Chain12.8 | *             | 100.000 | J      |      |       |
| P4017-05             | DDC44     | Solid  | (DEL) Alkane: Straight-Chain14.9 | *             | 160.000 | J      |      |       |
| P4017-05             | DDC44     | Solid  | (DEL) Alkane: Straight-Chain15.8 | *             | 140.000 | J      |      |       |
| P4017-05             | DDC44     | Solid  | (DEL) Alkane: Straight-Chain17.3 | *             | 95.000  | J      |      |       |
| P4017-05             | DDC44     | Solid  | (DEL) Alkane: Straight-Chain18.6 | *             | 91.000  | J      |      |       |
| P4017-05             | DDC44     | Solid  | (DEL) Alkane: Straight-Chain20.7 | *             | 160.000 | J      |      |       |
| P4017-05             | DDC44     | Solid  | (DEL) Alkane: Straight-Chain8.61 | *             | 110.000 | J      |      |       |
| P4017-05             | DDC44     | Solid  | 13-Docosenamide, (Z)-            | *             | 91.000  | J      |      |       |
| P4017-05             | DDC44     | Solid  | 2-Ethylhexyl mercaptoacetate     | *             | 540.000 | J      |      |       |
| P4017-05             | DDC44     | Solid  | 4,6,8-Trimethylazulene           | *             | 110.000 | J      |      |       |
| P4017-05             | DDC44     | Solid  | Anisole, 2,3,4,5,6-pentachloro-  | *             | 90.000  | J      |      |       |
| P4017-05             | DDC44     | Solid  | Benzophenone                     | *             | 550.000 | J      |      |       |
| P4017-05             | DDC44     | Solid  | Hexadecane, 1-iodo-              | *             | 110.000 | J      |      |       |
| P4017-05             | DDC44     | Solid  | n-Hexadecanoic acid              | *             | 250.000 | J      |      |       |
| P4017-05             | DDC44     | Solid  | Total Alkanes                    | *             | 860.000 | 62     | 230  | ug/Kg |
| Total Tics :         |           |        |                                  | 3,457.00      |         |        |      |       |
| P4017-05             | DDC44     | Solid  | 2,3,4,6-Tetrachlorophenol        | 450.000       | 70      |        | 230  | ug/Kg |
| P4017-05             | DDC44     | Solid  | Pentachlorophenol                | 5,000.000     | 51      |        | 440  | ug/Kg |
| Total Svoc :         |           |        |                                  | 5,450.00      |         |        |      |       |
| Total Concentration: |           |        |                                  | 8,907.00      |         |        |      |       |
| Client ID : DDC85    |           |        |                                  |               |         |        |      |       |
| P4017-10             | DDC85     | Solid  | (2E,4E)-3,7-Dimethylocta-2,4-die | *             | 79.000  | J      |      |       |
| P4017-10             | DDC85     | Solid  | (DEL) Alkane: Straight-Chain13.9 | *             | 420.000 | J      |      |       |
| P4017-10             | DDC85     | Solid  | (DEL) Alkane: Straight-Chain14.8 | *             | 180.000 | J      |      |       |
| P4017-10             | DDC85     | Solid  | (DEL) Alkane: Straight-Chain14.9 | *             | 250.000 | J      |      |       |
| P4017-10             | DDC85     | Solid  | (DEL) Alkane: Straight-Chain15.7 | *             | 310.000 | J      |      |       |
| P4017-10             | DDC85     | Solid  | (DEL) Alkane: Straight-Chain16.5 | *             | 210.000 | J      |      |       |
| P4017-10             | DDC85     | Solid  | (DEL) Alkane: Straight-Chain16.6 | *             | 100.000 | J      |      |       |
| P4017-10             | DDC85     | Solid  | (DEL) Alkane: Straight-Chain17.3 | *             | 220.000 | J      |      |       |
| P4017-10             | DDC85     | Solid  | (DEL) Alkane: Straight-Chain18.6 | *             | 180.000 | J      |      |       |
| P4017-10             | DDC85     | Solid  | (DEL) Alkane: Straight-Chain18.6 | *             | 130.000 | J      |      |       |
| P4017-10             | DDC85     | Solid  | (DEL) Alkane: Straight-Chain20.3 | *             | 80.000  | J      |      |       |
| P4017-10             | DDC85     | Solid  | (DEL) Alkane: Straight-Chain21.2 | *             | 82.000  | J      |      |       |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** BN100224

**Client:**

| Sample ID                   | Client ID      | Matrix | Parameter                            | Concentration    | C  | MDL | RDL | Units |
|-----------------------------|----------------|--------|--------------------------------------|------------------|----|-----|-----|-------|
| P4017-10                    | DDC85          | Solid  | (DEL) Alkane: Straight-Chain21.7 *   | 160.000          | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | (DEL) Alkane: Straight-Chain7.02 *   | 290.000          | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | (DEL) Alkane: Straight-Chain7.46 *   | 95.000           | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | (DEL) Alkane: Straight-Chain7.92 *   | 200.000          | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | (DEL) Alkane: Straight-Chain7.98 *   | 120.000          | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | (DEL) Alkane: Straight-Chain8.04 *   | 170.000          | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | (DEL) Alkane: Straight-Chain8.14 *   | 210.000          | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | (DEL) Alkane: Straight-Chain8.61 *   | 530.000          | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | 1,3-Hexadiene, 3-ethyl-2-methyl-, *  | 270.000          | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | 2-Thiophenecarboxylic acid, 6-eth *  | 130.000          | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | 3,4-Methylenedioxypropiofenon *      | 160.000          | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | Anisole, 2,3,4,5,6-pentachloro- *    | 100.000          | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | Benzophenone *                       | 360.000          | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | Carbonic acid, tetradecyl vinyl es * | 250.000          | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | Dehydrochamazulene *                 | 82.000           | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | Methanone, (1-hydroxycyclohexy *     | 79.000           | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | n-Hexadecanoic acid *                | 250.000          | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | Naphthalene, 1,4-dimethyl- *         | 170.000          | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | Naphthalene, 2,3-dimethyl- *         | 89.000           | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | Octadecanoic acid *                  | 170.000          | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | Pentadecafluorooctanoic acid, oct: * | 290.000          | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | Phenol, 2,3,5,6-tetrachloro- *       | 220.000          | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | Sulfurous acid, butyl decyl ester *  | 140.000          | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | unknown-01 *                         | 160.000          | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | unknown-02 *                         | 290.000          | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | unknown-03 *                         | 230.000          | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | unknown-04 *                         | 97.000           | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | unknown-05 *                         | 120.000          | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | unknown-06 *                         | 250.000          | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | unknown-07 *                         | 96.000           | J  |     |     |       |
| P4017-10                    | DDC85          | Solid  | Total Alkanes *                      | 3,900.000        |    | 54  | 200 | ug/Kg |
| <b>Total Tics :</b>         |                |        |                                      | <b>11,919.00</b> |    |     |     |       |
| P4017-10                    | DDC85          | Solid  | 2,3,4,6-Tetrachlorophenol            | 1,200.000        |    | 61  | 200 | ug/Kg |
| P4017-10                    | DDC85          | Solid  | Fluoranthene                         | 99.000           | J  | 52  | 200 | ug/Kg |
| P4017-10                    | DDC85          | Solid  | Pentachlorophenol                    | 12,000.000       | E  | 44  | 380 | ug/Kg |
| P4017-10                    | DDC85          | Solid  | Pyrene                               | 73.000           | J  | 54  | 200 | ug/Kg |
| <b>Total Svoc :</b>         |                |        |                                      | <b>13,372.00</b> |    |     |     |       |
| <b>Total Concentration:</b> |                |        |                                      | <b>25,291.00</b> |    |     |     |       |
| <b>Client ID :</b>          | <b>DDC85DL</b> |        |                                      |                  |    |     |     |       |
| P4017-10DL                  | DDC85DL        | Solid  | (DEL) Alkane: Straight-Chain8.61 *   | 780.000          | JD |     |     |       |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID                   | Client ID | Matrix | Parameter                 | Concentration    | C       | MDL   | RDL  | Units |
|-----------------------------|-----------|--------|---------------------------|------------------|---------|-------|------|-------|
| P4017-10DL                  | DDC85DL   | Solid  | Total Alkanes             | *                | 780.000 | D 540 | 2000 | ug/Kg |
| <b>Total Tics :</b>         |           |        |                           | <b>1,560.00</b>  |         |       |      |       |
| P4017-10DL                  | DDC85DL   | Solid  | 2,3,4,6-Tetrachlorophenol | 1,200.000        | JD      | 610   | 2000 | ug/Kg |
| P4017-10DL                  | DDC85DL   | Solid  | Pentachlorophenol         | 16,000.000       | D       | 440   | 3800 | ug/Kg |
| <b>Total Svoc :</b>         |           |        |                           | <b>17,200.00</b> |         |       |      |       |
| <b>Total Concentration:</b> |           |        |                           | <b>18,760.00</b> |         |       |      |       |

Client ID : DDC94

|          |       |       |                                     |         |   |  |
|----------|-------|-------|-------------------------------------|---------|---|--|
| P4017-12 | DDC94 | Solid | (DEL) Alkane: Straight-Chain12.8 *  | 230.000 | J |  |
| P4017-12 | DDC94 | Solid | (DEL) Alkane: Straight-Chain14.8 *  | 190.000 | J |  |
| P4017-12 | DDC94 | Solid | (DEL) Alkane: Straight-Chain15.7 *  | 200.000 | J |  |
| P4017-12 | DDC94 | Solid | (DEL) Alkane: Straight-Chain16.6 *  | 160.000 | J |  |
| P4017-12 | DDC94 | Solid | (DEL) Alkane: Straight-Chain17.3 *  | 150.000 | J |  |
| P4017-12 | DDC94 | Solid | (DEL) Alkane: Straight-Chain18.6 *  | 130.000 | J |  |
| P4017-12 | DDC94 | Solid | (DEL) Alkane: Straight-Chain18.6 *  | 89.000  | J |  |
| P4017-12 | DDC94 | Solid | (DEL) Alkane: Straight-Chain21.7 *  | 120.000 | J |  |
| P4017-12 | DDC94 | Solid | (DEL) Alkane: Straight-Chain6.4 *   | 79.000  | J |  |
| P4017-12 | DDC94 | Solid | (DEL) Alkane: Straight-Chain7.0 *   | 340.000 | J |  |
| P4017-12 | DDC94 | Solid | (DEL) Alkane: Straight-Chain7.3 *   | 88.000  | J |  |
| P4017-12 | DDC94 | Solid | (DEL) Alkane: Straight-Chain7.4 *   | 120.000 | J |  |
| P4017-12 | DDC94 | Solid | (DEL) Alkane: Straight-Chain7.5 *   | 110.000 | J |  |
| P4017-12 | DDC94 | Solid | (DEL) Alkane: Straight-Chain7.6 *   | 160.000 | J |  |
| P4017-12 | DDC94 | Solid | (DEL) Alkane: Straight-Chain7.9 *   | 230.000 | J |  |
| P4017-12 | DDC94 | Solid | (DEL) Alkane: Straight-Chain7.9 *   | 140.000 | J |  |
| P4017-12 | DDC94 | Solid | (DEL) Alkane: Straight-Chain8.1 *   | 230.000 | J |  |
| P4017-12 | DDC94 | Solid | (DEL) Alkane: Straight-Chain8.6 *   | 600.000 | J |  |
| P4017-12 | DDC94 | Solid | 1,3-Hexadiene, 3-ethyl-2-methyl-, * | 200.000 | J |  |
| P4017-12 | DDC94 | Solid | 1-Methylcycloheptanol *             | 290.000 | J |  |
| P4017-12 | DDC94 | Solid | 2-Thiophenecarboxylic acid, 3-tri * | 130.000 | J |  |
| P4017-12 | DDC94 | Solid | 3,4-Methylenedioxypropiofenon *     | 110.000 | J |  |
| P4017-12 | DDC94 | Solid | 3-Penten-2-one, 4-methyl- *         | 260.000 | A |  |
| P4017-12 | DDC94 | Solid | Anisole, 2,3,4,5,6-pentachloro- *   | 99.000  | J |  |
| P4017-12 | DDC94 | Solid | Benzophenone *                      | 420.000 | J |  |
| P4017-12 | DDC94 | Solid | Ethanol, 2-(tetradecyloxy)- *       | 290.000 | J |  |
| P4017-12 | DDC94 | Solid | m-Menth-1(7)-ene, (R)-(-)- *        | 110.000 | J |  |
| P4017-12 | DDC94 | Solid | n-Hexadecanoic acid *               | 340.000 | J |  |
| P4017-12 | DDC94 | Solid | Naphthalene, 1,2-dimethyl- *        | 87.000  | J |  |
| P4017-12 | DDC94 | Solid | Octadecanoic acid *                 | 130.000 | J |  |
| P4017-12 | DDC94 | Solid | Phenol, 2,3,5,6-tetrachloro- *      | 220.000 | J |  |
| P4017-12 | DDC94 | Solid | Sulfurous acid, 2-ethylhexyl nony * | 370.000 | J |  |
| P4017-12 | DDC94 | Solid | Tetradecane, 1-iodo- *              | 190.000 | J |  |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID                   | Client ID | Matrix | Parameter                        | Concentration | C                | MDL    | RDL  | Units |
|-----------------------------|-----------|--------|----------------------------------|---------------|------------------|--------|------|-------|
| P4017-12                    | DDC94     | Solid  | unknown-01                       | *             | 160.000          | J      |      |       |
| P4017-12                    | DDC94     | Solid  | unknown-02                       | *             | 88.000           | J      |      |       |
| P4017-12                    | DDC94     | Solid  | unknown-03                       | *             | 240.000          | J      |      |       |
| P4017-12                    | DDC94     | Solid  | unknown-04                       | *             | 110.000          | J      |      |       |
| P4017-12                    | DDC94     | Solid  | unknown-05                       | *             | 230.000          | J      |      |       |
| P4017-12                    | DDC94     | Solid  | unknown-06                       | *             | 77.000           | J      |      |       |
| P4017-12                    | DDC94     | Solid  | unknown-07                       | *             | 160.000          | J      |      |       |
| P4017-12                    | DDC94     | Solid  | Total Alkanes                    | *             | 3,400.000        | 53     | 200  | ug/Kg |
| <b>Total Tics :</b>         |           |        |                                  |               | <b>11,077.00</b> |        |      |       |
| P4017-12                    | DDC94     | Solid  | 2,3,4,6-Tetrachlorophenol        |               | 1,100.000        | 60     | 200  | ug/Kg |
| P4017-12                    | DDC94     | Solid  | Fluoranthene                     |               | 110.000          | J 52   | 200  | ug/Kg |
| P4017-12                    | DDC94     | Solid  | Pentachlorophenol                |               | 13,000.000       | E 44   | 380  | ug/Kg |
| P4017-12                    | DDC94     | Solid  | Pyrene                           |               | 74.000           | J 53   | 200  | ug/Kg |
| <b>Total Svoc :</b>         |           |        |                                  |               | <b>14,284.00</b> |        |      |       |
| <b>Total Concentration:</b> |           |        |                                  |               | <b>25,361.00</b> |        |      |       |
| <b>Client ID : DDC94DL</b>  |           |        |                                  |               |                  |        |      |       |
| P4017-12DL                  | DDC94DL   | Solid  | Total Alkanes                    | *             | 0.000            | D 530  | 2000 | ug/Kg |
| <b>Total Tics :</b>         |           |        |                                  |               | <b>0.00</b>      |        |      |       |
| P4017-12DL                  | DDC94DL   | Solid  | 2,3,4,6-Tetrachlorophenol        |               | 880.000          | JD 600 | 2000 | ug/Kg |
| P4017-12DL                  | DDC94DL   | Solid  | Pentachlorophenol                |               | 12,000.000       | D 440  | 3800 | ug/Kg |
| <b>Total Svoc :</b>         |           |        |                                  |               | <b>12,880.00</b> |        |      |       |
| <b>Total Concentration:</b> |           |        |                                  |               | <b>12,880.00</b> |        |      |       |
| <b>Client ID : DDC95</b>    |           |        |                                  |               |                  |        |      |       |
| P4017-13                    | DDC95     | Solid  | (DEL) Alkane: Cyclic12.305       | *             | 550.000          | J      |      |       |
| P4017-13                    | DDC95     | Solid  | (DEL) Alkane: Cyclic6.052        | *             | 290.000          | J      |      |       |
| P4017-13                    | DDC95     | Solid  | (DEL) Alkane: Cyclic7.664        | *             | 630.000          | J      |      |       |
| P4017-13                    | DDC95     | Solid  | (DEL) Alkane: Straight-Chain10.3 | *             | 110.000          | J      |      |       |
| P4017-13                    | DDC95     | Solid  | (DEL) Alkane: Straight-Chain11.0 | *             | 130.000          | J      |      |       |
| P4017-13                    | DDC95     | Solid  | (DEL) Alkane: Straight-Chain11.1 | *             | 240.000          | J      |      |       |
| P4017-13                    | DDC95     | Solid  | (DEL) Alkane: Straight-Chain11.6 | *             | 420.000          | J      |      |       |
| P4017-13                    | DDC95     | Solid  | (DEL) Alkane: Straight-Chain12.3 | *             | 660.000          | J      |      |       |
| P4017-13                    | DDC95     | Solid  | (DEL) Alkane: Straight-Chain12.5 | *             | 1,200.000        | J      |      |       |
| P4017-13                    | DDC95     | Solid  | (DEL) Alkane: Straight-Chain13.5 | *             | 1,200.000        | J      |      |       |
| P4017-13                    | DDC95     | Solid  | (DEL) Alkane: Straight-Chain13.5 | *             | 3,400.000        | J      |      |       |
| P4017-13                    | DDC95     | Solid  | (DEL) Alkane: Straight-Chain14.6 | *             | 910.000          | J      |      |       |
| P4017-13                    | DDC95     | Solid  | (DEL) Alkane: Straight-Chain14.9 | *             | 2,100.000        | J      |      |       |
| P4017-13                    | DDC95     | Solid  | (DEL) Alkane: Straight-Chain15.3 | *             | 1,100.000        | J      |      |       |
| P4017-13                    | DDC95     | Solid  | (DEL) Alkane: Straight-Chain15.8 | *             | 2,500.000        | J      |      |       |
| P4017-13                    | DDC95     | Solid  | (DEL) Alkane: Straight-Chain16.6 | *             | 1,800.000        | J      |      |       |
| P4017-13                    | DDC95     | Solid  | (DEL) Alkane: Straight-Chain16.6 | *             | 1,500.000        | J      |      |       |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID | Client ID | Matrix | Parameter                           | Concentration | C | MDL | RDL | Units |
|-----------|-----------|--------|-------------------------------------|---------------|---|-----|-----|-------|
| P4017-13  | DDC95     | Solid  | (DEL) Alkane: Straight-Chain17.3 *  | 1,500.000     | J |     |     |       |
| P4017-13  | DDC95     | Solid  | (DEL) Alkane: Straight-Chain18.6 *  | 1,300.000     | J |     |     |       |
| P4017-13  | DDC95     | Solid  | (DEL) Alkane: Straight-Chain18.6 *  | 1,200.000     | J |     |     |       |
| P4017-13  | DDC95     | Solid  | (DEL) Alkane: Straight-Chain19.2 *  | 790.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | (DEL) Alkane: Straight-Chain19.8 *  | 1,000.000     | J |     |     |       |
| P4017-13  | DDC95     | Solid  | (DEL) Alkane: Straight-Chain20.3 *  | 720.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | (DEL) Alkane: Straight-Chain21.2 *  | 780.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | (DEL) Alkane: Straight-Chain5.4 *   | 810.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | (DEL) Alkane: Straight-Chain5.9 *   | 320.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | (DEL) Alkane: Straight-Chain6.3 *   | 240.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | (DEL) Alkane: Straight-Chain6.4 *   | 400.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | (DEL) Alkane: Straight-Chain6.4 *   | 500.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | (DEL) Alkane: Straight-Chain7.0 *   | 2,400.000     | J |     |     |       |
| P4017-13  | DDC95     | Solid  | (DEL) Alkane: Straight-Chain7.5 *   | 290.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | (DEL) Alkane: Straight-Chain7.9 *   | 530.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | (DEL) Alkane: Straight-Chain8.0 *   | 870.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | (DEL) Alkane: Straight-Chain8.1 *   | 830.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | (DEL) Alkane: Straight-Chain8.6 *   | 2,200.000     | J |     |     |       |
| P4017-13  | DDC95     | Solid  | (DEL) Alkane: Straight-Chain8.8 *   | 150.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | (DEL) Alkane: Straight-Chain9.4 *   | 180.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | (DEL) Alkane: Straight-Chain9.5 *   | 120.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | (DEL) Alkane: Straight-Chain9.6 *   | 120.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | (DEL) Alkane: Straight-Chain9.7 *   | 120.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | 11-Octadecenoic acid, methyl este * | 1,100.000     | J |     |     |       |
| P4017-13  | DDC95     | Solid  | 2(3H)-Furanone, 5-ethenyldihydr *   | 850.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | 2,4-Dipropyl-5-ethyl-1,3-dioxane *  | 260.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | 2,6-Pyridinediamine *               | 830.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | 2-Heptanone, 4,6-dimethyl- *        | 430.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | 4-(1-Pyrrolyl)acetophenone *        | 1,600.000     | J |     |     |       |
| P4017-13  | DDC95     | Solid  | Benzene, (1-methylethyl)- *         | 230.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | Benzene, 1,2,4,5-tetramethyl- *     | 170.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | Benzene, 1,3,5-trimethyl-2-(1-met * | 210.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | Benzene, 1,3-diethyl- *             | 470.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | Benzene, 1-ethyl-3-methyl- *        | 560.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | Benzene, 1-methyl-3-(1-methyletl *  | 560.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | Benzene, 1-methyl-4-propyl- *       | 970.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | Benzene, 2-ethyl-1,4-dimethyl- *    | 490.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | Benzene, propyl- *                  | 320.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | Cyclohexanol, 1-methyl- *           | 130.000       | J |     |     |       |
| P4017-13  | DDC95     | Solid  | Hexadecanoic acid, methyl ester *   | 1,800.000     | J |     |     |       |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID                   | Client ID | Matrix | Parameter                          | Concentration | C                 | MDL  | RDL | Units |
|-----------------------------|-----------|--------|------------------------------------|---------------|-------------------|------|-----|-------|
| P4017-13                    | DDC95     | Solid  | Isobutyl octan-2-yl carbonate      | *             | 330.000           | J    |     |       |
| P4017-13                    | DDC95     | Solid  | Mesitylene                         | *             | 490.000           | J    |     |       |
| P4017-13                    | DDC95     | Solid  | n-Hexadecanoic acid                | *             | 710.000           | J    |     |       |
| P4017-13                    | DDC95     | Solid  | Naphthalene, 1,4,6-trimethyl-      | *             | 610.000           | J    |     |       |
| P4017-13                    | DDC95     | Solid  | Naphthalene, 1,4-dimethyl-         | *             | 640.000           | J    |     |       |
| P4017-13                    | DDC95     | Solid  | Naphthalene, 1,5-dimethyl-         | *             | 1,300.000         | J    |     |       |
| P4017-13                    | DDC95     | Solid  | Naphthalene, 1,6,7-trimethyl-      | *             | 1,200.000         | J    |     |       |
| P4017-13                    | DDC95     | Solid  | Naphthalene, 1,6-dimethyl-         | *             | 950.000           | J    |     |       |
| P4017-13                    | DDC95     | Solid  | Naphthalene, 2,3-dimethyl-         | *             | 1,100.000         | J    |     |       |
| P4017-13                    | DDC95     | Solid  | o-Cymene                           | *             | 440.000           | J    |     |       |
| P4017-13                    | DDC95     | Solid  | Oxalic acid, 2-ethylhexyl tetradec | *             | 1,800.000         | J    |     |       |
| P4017-13                    | DDC95     | Solid  | Oxalic acid, decyl 2-ethylhexyl es | *             | 1,500.000         | J    |     |       |
| P4017-13                    | DDC95     | Solid  | unknown-01                         | *             | 900.000           | J    |     |       |
| P4017-13                    | DDC95     | Solid  | Total Alkanes                      | *             | 36,000.000        | 54   | 200 | ug/Kg |
| <b>Total Tics :</b>         |           |        |                                    |               | <b>95,060.00</b>  |      |     |       |
| P4017-13                    | DDC95     | Solid  | 1,1-Biphenyl                       |               | 270.000           | 54   | 200 | ug/Kg |
| P4017-13                    | DDC95     | Solid  | 1-Methylnaphthalene                |               | 2,100.000         | 22   | 200 | ug/Kg |
| P4017-13                    | DDC95     | Solid  | 2,3,4,6-Tetrachlorophenol          |               | 19,000.000        | E 61 | 200 | ug/Kg |
| P4017-13                    | DDC95     | Solid  | 2,4,5-Trichlorophenol              |               | 62.000            | J 57 | 200 | ug/Kg |
| P4017-13                    | DDC95     | Solid  | 2,4,6-Trichlorophenol              |               | 180.000           | J 59 | 200 | ug/Kg |
| P4017-13                    | DDC95     | Solid  | 2-Methylnaphthalene                |               | 3,400.000         | E 43 | 200 | ug/Kg |
| P4017-13                    | DDC95     | Solid  | Acenaphthene                       |               | 71.000            | J 59 | 200 | ug/Kg |
| P4017-13                    | DDC95     | Solid  | Bis(2-ethylhexyl)phthalate         |               | 64.000            | J 50 | 200 | ug/Kg |
| P4017-13                    | DDC95     | Solid  | Fluoranthene                       |               | 61.000            | J 53 | 200 | ug/Kg |
| P4017-13                    | DDC95     | Solid  | Fluorene                           |               | 170.000           | J 68 | 200 | ug/Kg |
| P4017-13                    | DDC95     | Solid  | Naphthalene                        |               | 1,200.000         | 39   | 200 | ug/Kg |
| P4017-13                    | DDC95     | Solid  | Pentachlorophenol                  |               | 79,000.000        | E 44 | 390 | ug/Kg |
| P4017-13                    | DDC95     | Solid  | Phenanthrene                       |               | 600.000           | 62   | 200 | ug/Kg |
| <b>Total Svoc :</b>         |           |        |                                    |               | <b>106,178.00</b> |      |     |       |
| <b>Total Concentration:</b> |           |        |                                    |               | <b>201,238.00</b> |      |     |       |
| <b>Client ID : DDC95DL</b>  |           |        |                                    |               |                   |      |     |       |
| P4017-13DL                  | DDC95DL   | Solid  | (DEL) Alkane: Cyclic7.657          | *             | 3,800.000         | JD   |     |       |
| P4017-13DL                  | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain11.1   | *             | 1,100.000         | JD   |     |       |
| P4017-13DL                  | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain11.5   | *             | 1,900.000         | JD   |     |       |
| P4017-13DL                  | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain12.4   | *             | 1,300.000         | JD   |     |       |
| P4017-13DL                  | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain12.5   | *             | 2,400.000         | JD   |     |       |
| P4017-13DL                  | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain12.8   | *             | 5,300.000         | JD   |     |       |
| P4017-13DL                  | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain14.5   | *             | 1,400.000         | JD   |     |       |
| P4017-13DL                  | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain14.9   | *             | 4,600.000         | JD   |     |       |
| P4017-13DL                  | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain15.3   | *             | 2,300.000         | JD   |     |       |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID  | Client ID | Matrix | Parameter                            | Concentration | C  | MDL | RDL | Units |
|------------|-----------|--------|--------------------------------------|---------------|----|-----|-----|-------|
| P4017-13DL | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain15.7 *   | 3,800.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain16.6 *   | 2,900.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain16.6 *   | 1,600.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain17.2 *   | 2,500.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain18.0 *   | 2,000.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain18.6 *   | 1,900.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain19.7 *   | 1,300.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain20.2 *   | 960.000       | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain21.2 *   | 1,000.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain21.7 *   | 2,000.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain5.4 *    | 5,200.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain5.9 *    | 1,900.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain6.4 *    | 2,700.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain6.4 *    | 3,100.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain6.5 *    | 5,900.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain7.0 *    | 23,000.000    | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain7.5 *    | 1,700.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain7.9 *    | 3,000.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain8.0 *    | 5,400.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain8.1 *    | 5,100.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain8.6 *    | 21,000.000    | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | (DEL) Alkane: Straight-Chain9.4 *    | 820.000       | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | 1(2H)-Naphthalenone, 3,4-dihydro *   | 2,100.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | 1H-Indole, 4-(3-methyl-2-butenyl) *  | 3,500.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | 2-Heptanone, 4,6-dimethyl- *         | 2,500.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | 2-Propyl-1-pentanol, pentafluorop *  | 1,700.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | 5-Methyl-1-phenylhexa-1,3,4-trien *  | 2,200.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | 7-Octadecenoic acid, methyl ester *  | 1,600.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | Benzene, 1,2,3-trimethyl- *          | 2,900.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | Benzene, 1,2-diethyl- *              | 2,700.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | Benzene, 1-ethyl-2,3-dimethyl- *     | 3,500.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | Benzene, 1-ethyl-2-methyl- *         | 4,000.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | Benzene, 1-ethyl-4-methyl- *         | 2,800.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | Benzene, 2-ethyl-1,4-dimethyl- *     | 2,600.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | Benzene, 4-ethyl-1,2-dimethyl- *     | 6,200.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | Carbonic acid, 2-ethylhexyl nonyl *  | 2,400.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | Carbonic acid, eicosyl vinyl ester * | 2,700.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | Cyclohexanone, 2,3-dimethyl- *       | 2,100.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | Hexadecanoic acid, methyl ester *    | 2,700.000     | JD |     |     |       |
| P4017-13DL | DDC95DL   | Solid  | Mesitylene *                         | 2,800.000     | JD |     |     |       |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID                   | Client ID | Matrix | Parameter                          | Concentration     | C  | MDL | RDL  | Units |
|-----------------------------|-----------|--------|------------------------------------|-------------------|----|-----|------|-------|
| P4017-13DL                  | DDC95DL   | Solid  | Naphthalene, 1,4,6-trimethyl-      | * 2,500.000       | JD |     |      |       |
| P4017-13DL                  | DDC95DL   | Solid  | Naphthalene, 1,4-dimethyl-         | * 1,300.000       | JD |     |      |       |
| P4017-13DL                  | DDC95DL   | Solid  | Naphthalene, 1,5-dimethyl-         | * 1,700.000       | JD |     |      |       |
| P4017-13DL                  | DDC95DL   | Solid  | Naphthalene, 1,6-dimethyl-         | * 2,600.000       | JD |     |      |       |
| P4017-13DL                  | DDC95DL   | Solid  | Naphthalene, 2,7-dimethyl-         | * 2,200.000       | JD |     |      |       |
| P4017-13DL                  | DDC95DL   | Solid  | o-Cymene                           | * 3,600.000       | JD |     |      |       |
| P4017-13DL                  | DDC95DL   | Solid  | Sulfurous acid, decyl 2-ethylhexyl | * 8,800.000       | JD |     |      |       |
| P4017-13DL                  | DDC95DL   | Solid  | unknown-01                         | * 6,000.000       | JD |     |      |       |
| P4017-13DL                  | DDC95DL   | Solid  | unknown-02                         | * 1,800.000       | JD |     |      |       |
| P4017-13DL                  | DDC95DL   | Solid  | unknown-03                         | * 5,200.000       | JD |     |      |       |
| P4017-13DL                  | DDC95DL   | Solid  | unknown-04                         | * 2,000.000       | JD |     |      |       |
| P4017-13DL                  | DDC95DL   | Solid  | unknown-05                         | * 1,500.000       | JD |     |      |       |
| P4017-13DL                  | DDC95DL   | Solid  | Total Alkanes                      | * 120,000.000     | D  | 540 | 2000 | ug/Kg |
| <b>Total Tics :</b>         |           |        |                                    | <b>333,080.00</b> |    |     |      |       |
| P4017-13DL                  | DDC95DL   | Solid  | 1-Methylnaphthalene                | 1,800.000         | JD | 220 | 2000 | ug/Kg |
| P4017-13DL                  | DDC95DL   | Solid  | 2,3,4,6-Tetrachlorophenol          | 25,000.000        | D  | 610 | 2000 | ug/Kg |
| P4017-13DL                  | DDC95DL   | Solid  | 2-Methylnaphthalene                | 3,100.000         | D  | 430 | 2000 | ug/Kg |
| P4017-13DL                  | DDC95DL   | Solid  | Naphthalene                        | 1,500.000         | JD | 390 | 2000 | ug/Kg |
| P4017-13DL                  | DDC95DL   | Solid  | Pentachlorophenol                  | 150,000.000       | ED | 440 | 3900 | ug/Kg |
| <b>Total Svoc :</b>         |           |        |                                    | <b>181,400.00</b> |    |     |      |       |
| <b>Total Concentration:</b> |           |        |                                    | <b>514,480.00</b> |    |     |      |       |

Client ID : DDC95DL2

|             |          |       |                                  |              |    |  |  |  |
|-------------|----------|-------|----------------------------------|--------------|----|--|--|--|
| P4017-13DL2 | DDC95DL2 | Solid | (DEL) Alkane: Cyclic6.046        | * 3,200.000  | JD |  |  |  |
| P4017-13DL2 | DDC95DL2 | Solid | (DEL) Alkane: Cyclic7.658        | * 5,800.000  | JD |  |  |  |
| P4017-13DL2 | DDC95DL2 | Solid | (DEL) Alkane: Straight-Chain11.1 | * 2,400.000  | JD |  |  |  |
| P4017-13DL2 | DDC95DL2 | Solid | (DEL) Alkane: Straight-Chain11.5 | * 4,300.000  | JD |  |  |  |
| P4017-13DL2 | DDC95DL2 | Solid | (DEL) Alkane: Straight-Chain12.5 | * 2,700.000  | JD |  |  |  |
| P4017-13DL2 | DDC95DL2 | Solid | (DEL) Alkane: Straight-Chain12.8 | * 6,200.000  | JD |  |  |  |
| P4017-13DL2 | DDC95DL2 | Solid | (DEL) Alkane: Straight-Chain13.5 | * 3,000.000  | JD |  |  |  |
| P4017-13DL2 | DDC95DL2 | Solid | (DEL) Alkane: Straight-Chain14.5 | * 4,900.000  | JD |  |  |  |
| P4017-13DL2 | DDC95DL2 | Solid | (DEL) Alkane: Straight-Chain15.3 | * 2,400.000  | JD |  |  |  |
| P4017-13DL2 | DDC95DL2 | Solid | (DEL) Alkane: Straight-Chain15.7 | * 4,500.000  | JD |  |  |  |
| P4017-13DL2 | DDC95DL2 | Solid | (DEL) Alkane: Straight-Chain16.5 | * 3,300.000  | JD |  |  |  |
| P4017-13DL2 | DDC95DL2 | Solid | (DEL) Alkane: Straight-Chain17.3 | * 2,800.000  | JD |  |  |  |
| P4017-13DL2 | DDC95DL2 | Solid | (DEL) Alkane: Straight-Chain5.4  | * 7,600.000  | JD |  |  |  |
| P4017-13DL2 | DDC95DL2 | Solid | (DEL) Alkane: Straight-Chain5.9  | * 2,800.000  | JD |  |  |  |
| P4017-13DL2 | DDC95DL2 | Solid | (DEL) Alkane: Straight-Chain6.3  | * 4,000.000  | JD |  |  |  |
| P4017-13DL2 | DDC95DL2 | Solid | (DEL) Alkane: Straight-Chain6.4  | * 4,900.000  | JD |  |  |  |
| P4017-13DL2 | DDC95DL2 | Solid | (DEL) Alkane: Straight-Chain6.5  | * 8,900.000  | JD |  |  |  |
| P4017-13DL2 | DDC95DL2 | Solid | (DEL) Alkane: Straight-Chain7.0  | * 35,000.000 | JD |  |  |  |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID                   | Client ID | Matrix | Parameter                             | Concentration     | C  | MDL  | RDL   | Units |
|-----------------------------|-----------|--------|---------------------------------------|-------------------|----|------|-------|-------|
| P4017-13DL2                 | DDC95DL2  | Solid  | (DEL) Alkane: Straight-Chain7.5: *    | 2,600.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | (DEL) Alkane: Straight-Chain7.9: *    | 4,300.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | (DEL) Alkane: Straight-Chain8.0: *    | 9,300.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | (DEL) Alkane: Straight-Chain8.1: *    | 7,100.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | (DEL) Alkane: Straight-Chain8.6: *    | 32,000.000        | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | 1H-Pyrazole, 5-(t-butyl)-3-phenyl *   | 3,900.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | 2,4-Dipropyl-5-ethyl-1,3-dioxane *    | 2,700.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | 2,8-Decadiyne *                       | 8,200.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | 2-Heptanone, 4,6-dimethyl- *          | 3,800.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4- *   | 2,400.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | 4-Nonanone, 2,6,8-trimethyl- *        | 3,000.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | Benzene, 1,2,4-trimethyl- *           | 4,400.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | Benzene, 1,2-diethyl- *               | 4,200.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | Benzene, 1-ethyl-2-methyl- *          | 5,900.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | Benzene, 1-ethyl-4-methyl- *          | 4,100.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | Benzene, 1-methyl-4-propyl- *         | 9,100.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | Benzene, 2-ethyl-1,4-dimethyl- *      | 3,900.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | Benzene, 4-ethyl-1,2-dimethyl- *      | 4,800.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | Butyl decyl ether *                   | 2,300.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | Hexadecanoic acid, methyl ester *     | 2,600.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | Mesitylene *                          | 4,300.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | Naphthalene, 1,7-dimethyl- *          | 2,600.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | Naphthalene, 2,6-dimethyl- *          | 3,900.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | Naphthalene, 2,7-dimethyl- *          | 2,400.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | o-Cymene *                            | 5,200.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | p-Cymene *                            | 8,700.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | Sulfurous acid, decyl 2-ethylhexyl *  | 10,000.000        | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | unknown-01 *                          | 2,700.000         | JD |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | Total Alkanes *                       | 160,000.000       | D  | 1600 | 6000  | ug/Kg |
| <b>Total Tics :</b>         |           |        |                                       | <b>429,100.00</b> |    |      |       |       |
| P4017-13DL2                 | DDC95DL2  | Solid  | 1-Methylnaphthalene                   | 1,900.000         | JD | 670  | 6000  | ug/Kg |
| P4017-13DL2                 | DDC95DL2  | Solid  | 2,3,4,6-Tetrachlorophenol             | 24,000.000        | D  | 1800 | 6000  | ug/Kg |
| P4017-13DL2                 | DDC95DL2  | Solid  | 2-Methylnaphthalene                   | 3,100.000         | JD | 1300 | 6000  | ug/Kg |
| P4017-13DL2                 | DDC95DL2  | Solid  | Naphthalene                           | 1,500.000         | JD | 1200 | 6000  | ug/Kg |
| P4017-13DL2                 | DDC95DL2  | Solid  | Pentachlorophenol                     | 180,000.000       | D  | 1300 | 12000 | ug/Kg |
| <b>Total Svoc :</b>         |           |        |                                       | <b>210,500.00</b> |    |      |       |       |
| <b>Total Concentration:</b> |           |        |                                       | <b>639,600.00</b> |    |      |       |       |
| <b>Client ID : DDC97</b>    |           |        |                                       |                   |    |      |       |       |
| P4017-15                    | DDC97     | Solid  | (DEL) Alkane: Straight-Chain20.7: *   | 110.000           | J  |      |       |       |
| P4017-15                    | DDC97     | Solid  | 1,3-Hexanediol, 2-ethyl- (isomer 1) * | 110.000           | J  |      |       |       |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID            | Client ID | Matrix | Parameter                            | Concentration | C | MDL | RDL | Units |
|----------------------|-----------|--------|--------------------------------------|---------------|---|-----|-----|-------|
| P4017-15             | DDC97     | Solid  | 1,3-Hexanediol, 2-ethyl- (isomer 2 * | 150.000       | J |     |     |       |
| P4017-15             | DDC97     | Solid  | 2-Pentanone, 4-hydroxy-4-methyl *    | 91.000        | A |     |     |       |
| P4017-15             | DDC97     | Solid  | Benzophenone *                       | 530.000       | J |     |     |       |
| P4017-15             | DDC97     | Solid  | Cyclohexanone, 3,3,5-trimethyl- *    | 220.000       | J |     |     |       |
| P4017-15             | DDC97     | Solid  | Hexanoic acid, 2-ethyl- *            | 1,000.000     | J |     |     |       |
| P4017-15             | DDC97     | Solid  | Hexylene glycol *                    | 200.000       | J |     |     |       |
| P4017-15             | DDC97     | Solid  | n-Hexadecanoic acid *                | 290.000       | J |     |     |       |
| P4017-15             | DDC97     | Solid  | Octadecanoic acid *                  | 93.000        | J |     |     |       |
| P4017-15             | DDC97     | Solid  | unknown-01 *                         | 260.000       | J |     |     |       |
| P4017-15             | DDC97     | Solid  | unknown-02 *                         | 170.000       | J |     |     |       |
| P4017-15             | DDC97     | Solid  | unknown-03 *                         | 210.000       | J |     |     |       |
| P4017-15             | DDC97     | Solid  | unknown-04 *                         | 84.000        | J |     |     |       |
| P4017-15             | DDC97     | Solid  | unknown-05 *                         | 200.000       | J |     |     |       |
| P4017-15             | DDC97     | Solid  | Total Alkanes *                      | 110.000       |   | 57  | 210 | ug/Kg |
| Total Tics :         |           |        |                                      | 3,828.00      |   |     |     |       |
| P4017-15             | DDC97     | Solid  | 2,3,4,6-Tetrachlorophenol            | 460.000       |   | 64  | 210 | ug/Kg |
| P4017-15             | DDC97     | Solid  | Pentachlorophenol                    | 4,500.000     |   | 47  | 410 | ug/Kg |
| Total Svoc :         |           |        |                                      | 4,960.00      |   |     |     |       |
| Total Concentration: |           |        |                                      | 8,788.00      |   |     |     |       |
| Client ID : DDC98    |           |        |                                      |               |   |     |     |       |
| P4017-16             | DDC98     | Solid  | 1-Heneicosanol *                     | 150.000       | J |     |     |       |
| P4017-16             | DDC98     | Solid  | Benzophenone *                       | 380.000       | J |     |     |       |
| P4017-16             | DDC98     | Solid  | n-Hexadecanoic acid *                | 160.000       | J |     |     |       |
| P4017-16             | DDC98     | Solid  | Total Alkanes *                      | 0.000         |   | 52  | 190 | ug/Kg |
| Total Tics :         |           |        |                                      | 690.00        |   |     |     |       |
| P4017-16             | DDC98     | Solid  | Pentachlorophenol                    | 59.000        | J | 43  | 370 | ug/Kg |
| Total Svoc :         |           |        |                                      | 59.00         |   |     |     |       |
| Total Concentration: |           |        |                                      | 749.00        |   |     |     |       |
| Client ID : DDCCD4   |           |        |                                      |               |   |     |     |       |
| P4017-18             | DDCCD4    | Solid  | (DEL) Alkane: Straight-Chain20.7 *   | 130.000       | J |     |     |       |
| P4017-18             | DDCCD4    | Solid  | 2-Pentanone, 4-hydroxy-4-methyl *    | 440.000       | A |     |     |       |
| P4017-18             | DDCCD4    | Solid  | 3-Penten-2-one, 4-methyl- *          | 260.000       | A |     |     |       |
| P4017-18             | DDCCD4    | Solid  | Benzophenone *                       | 610.000       | J |     |     |       |
| P4017-18             | DDCCD4    | Solid  | Methanone, (1-hydroxycyclohexy *     | 110.000       | J |     |     |       |
| P4017-18             | DDCCD4    | Solid  | n-Hexadecanoic acid *                | 120.000       | J |     |     |       |
| P4017-18             | DDCCD4    | Solid  | unknown-01 *                         | 130.000       | J |     |     |       |
| P4017-18             | DDCCD4    | Solid  | Total Alkanes *                      | 130.000       |   | 65  | 240 | ug/Kg |
| Total Tics :         |           |        |                                      | 1,930.00      |   |     |     |       |
| Total Concentration: |           |        |                                      | 1,930.00      |   |     |     |       |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID         | Client ID | Matrix | Parameter                         | Concentration | C         | MDL | RDL | Units |
|-------------------|-----------|--------|-----------------------------------|---------------|-----------|-----|-----|-------|
| Client ID : DDCD7 |           |        |                                   |               |           |     |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Cyclic6.052         | *             | 320.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain11.5  | *             | 120.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain13.5  | *             | 470.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain13.5  | *             | 870.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain14.5  | *             | 440.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain14.5  | *             | 880.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain15.8  | *             | 1,700.000 | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain16.5  | *             | 1,200.000 | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain16.6  | *             | 580.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain17.3  | *             | 1,200.000 | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain18.0  | *             | 1,100.000 | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain19.2  | *             | 600.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain19.8  | *             | 520.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain20.3  | *             | 480.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain20.7  | *             | 1,200.000 | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain21.2  | *             | 490.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain21.7  | *             | 1,100.000 | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain5.45  | *             | 880.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain5.98  | *             | 320.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain6.31  | *             | 250.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain6.40  | *             | 610.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain7.25  | *             | 240.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain7.31  | *             | 250.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain7.58  | *             | 290.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain7.65  | *             | 630.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain7.98  | *             | 460.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain8.05  | *             | 760.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain8.15  | *             | 670.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain8.62  | *             | 2,300.000 | J   |     |       |
| P4017-21          | DDCD7     | Solid  | (DEL) Alkane: Straight-Chain9.45  | *             | 93.000    | J   |     |       |
| P4017-21          | DDCD7     | Solid  | 1-Hexanol, 2-ethyl-               | *             | 1,100.000 | J   |     |       |
| P4017-21          | DDCD7     | Solid  | 11-Octadecenoic acid, methyl este | *             | 3,400.000 | J   |     |       |
| P4017-21          | DDCD7     | Solid  | 2-Heptanone, 4,6-dimethyl-        | *             | 460.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | 9-Octadecenoic acid, (E)-         | *             | 450.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | 9H-Fluorene, 9-methyl-            | *             | 630.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | Benzene, (1-methylethyl)-         | *             | 380.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | Benzene, 1,2,3-trimethyl-         | *             | 4,100.000 | J   |     |       |
| P4017-21          | DDCD7     | Solid  | Benzene, 1,3-diethyl-             | *             | 530.000   | J   |     |       |
| P4017-21          | DDCD7     | Solid  | Benzene, 1-ethyl-2-methyl-        | *             | 1,600.000 | J   |     |       |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID            | Client ID | Matrix | Parameter                          | Concentration | C          | MDL  | RDL | Units |
|----------------------|-----------|--------|------------------------------------|---------------|------------|------|-----|-------|
| P4017-21             | DDCD7     | Solid  | Benzene, 1-methyl-2-propyl-        | *             | 490.000    | J    |     |       |
| P4017-21             | DDCD7     | Solid  | Benzene, 1-methyl-4-propyl-        | *             | 950.000    | J    |     |       |
| P4017-21             | DDCD7     | Solid  | Benzene, 4-ethyl-1,2-dimethyl-     | *             | 910.000    | J    |     |       |
| P4017-21             | DDCD7     | Solid  | Benzene, propyl-                   | *             | 780.000    | J    |     |       |
| P4017-21             | DDCD7     | Solid  | Benzophenone                       | *             | 640.000    | J    |     |       |
| P4017-21             | DDCD7     | Solid  | Bicyclo[4.1.0]heptan-2-one, 3,7,7- | *             | 540.000    | J    |     |       |
| P4017-21             | DDCD7     | Solid  | Cyclohexanone, 3,3,5-trimethyl-    | *             | 620.000    | J    |     |       |
| P4017-21             | DDCD7     | Solid  | Hexadecanoic acid, methyl ester    | *             | 3,200.000  | J    |     |       |
| P4017-21             | DDCD7     | Solid  | Indane                             | *             | 630.000    | J    |     |       |
| P4017-21             | DDCD7     | Solid  | Mesitylene                         | *             | 730.000    | J    |     |       |
| P4017-21             | DDCD7     | Solid  | Methyl stearate                    | *             | 1,200.000  | J    |     |       |
| P4017-21             | DDCD7     | Solid  | n-Hexadecanoic acid                | *             | 850.000    | J    |     |       |
| P4017-21             | DDCD7     | Solid  | Naphthalene, 1,4-dimethyl-         | *             | 760.000    | J    |     |       |
| P4017-21             | DDCD7     | Solid  | Naphthalene, 1,6,7-trimethyl-      | *             | 490.000    | J    |     |       |
| P4017-21             | DDCD7     | Solid  | Naphthalene, 1,6-dimethyl-         | *             | 1,600.000  | J    |     |       |
| P4017-21             | DDCD7     | Solid  | Naphthalene, 2,3,6-trimethyl-      | *             | 770.000    | J    |     |       |
| P4017-21             | DDCD7     | Solid  | Naphthalene, 2,3-dimethyl-         | *             | 1,000.000  | J    |     |       |
| P4017-21             | DDCD7     | Solid  | Naphthalene, 2,7-dimethyl-         | *             | 510.000    | J    |     |       |
| P4017-21             | DDCD7     | Solid  | o-Cymene                           | *             | 630.000    | J    |     |       |
| P4017-21             | DDCD7     | Solid  | unknown-01                         | *             | 790.000    | J    |     |       |
| P4017-21             | DDCD7     | Solid  | unknown-02                         | *             | 680.000    | J    |     |       |
| P4017-21             | DDCD7     | Solid  | Total Alkanes                      | *             | 21,000.000 | 58   | 220 | ug/Kg |
| Total Tics :         |           |        |                                    | 73,443.00     |            |      |     |       |
| P4017-21             | DDCD7     | Solid  | 1-Methylnaphthalene                |               | 680.000    | 24   | 220 | ug/Kg |
| P4017-21             | DDCD7     | Solid  | 2,3,4,6-Tetrachlorophenol          |               | 7,200.000  | E 66 | 220 | ug/Kg |
| P4017-21             | DDCD7     | Solid  | 2,4,5-Trichlorophenol              |               | 130.000    | J 62 | 220 | ug/Kg |
| P4017-21             | DDCD7     | Solid  | 2-Methylnaphthalene                |               | 1,200.000  | 47   | 220 | ug/Kg |
| P4017-21             | DDCD7     | Solid  | Fluorene                           |               | 87.000     | J 74 | 220 | ug/Kg |
| P4017-21             | DDCD7     | Solid  | Naphthalene                        |               | 450.000    | 42   | 220 | ug/Kg |
| P4017-21             | DDCD7     | Solid  | Pentachlorophenol                  |               | 40,000.000 | E 48 | 420 | ug/Kg |
| P4017-21             | DDCD7     | Solid  | Phenanthrene                       |               | 280.000    | 67   | 220 | ug/Kg |
| Total Svoc :         |           |        |                                    | 50,027.00     |            |      |     |       |
| Total Concentration: |           |        |                                    | 123,470.00    |            |      |     |       |
| Client ID : DDCCD7DL |           |        |                                    |               |            |      |     |       |
| P4017-21DL           | DDCCD7DL  | Solid  | (DEL) Alkane: Cyclic6.046          | *             | 1,200.000  | JD   |     |       |
| P4017-21DL           | DDCCD7DL  | Solid  | (DEL) Alkane: Cyclic7.658          | *             | 2,500.000  | JD   |     |       |
| P4017-21DL           | DDCCD7DL  | Solid  | (DEL) Alkane: Straight-Chain12.8   | *             | 1,500.000  | JD   |     |       |
| P4017-21DL           | DDCCD7DL  | Solid  | (DEL) Alkane: Straight-Chain13.5   | *             | 1,400.000  | JD   |     |       |
| P4017-21DL           | DDCCD7DL  | Solid  | (DEL) Alkane: Straight-Chain14.5   | *             | 1,300.000  | JD   |     |       |
| P4017-21DL           | DDCCD7DL  | Solid  | (DEL) Alkane: Straight-Chain15.2   | *             | 1,000.000  | JD   |     |       |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID  | Client ID | Matrix | Parameter                            | Concentration | C         | MDL | RDL | Units |
|------------|-----------|--------|--------------------------------------|---------------|-----------|-----|-----|-------|
| P4017-21DL | DDCD7DL   | Solid  | (DEL) Alkane: Straight-Chain15.7 *   | 1,600.000     | JD        |     |     |       |
| P4017-21DL | DDCD7DL   | Solid  | (DEL) Alkane: Straight-Chain16.4 *   | 1,500.000     | JD        |     |     |       |
| P4017-21DL | DDCD7DL   | Solid  | (DEL) Alkane: Straight-Chain17.2 *   | 1,300.000     | JD        |     |     |       |
| P4017-21DL | DDCD7DL   | Solid  | (DEL) Alkane: Straight-Chain18.0 *   | 1,100.000     | JD        |     |     |       |
| P4017-21DL | DDCD7DL   | Solid  | (DEL) Alkane: Straight-Chain20.7 *   | 980.000       | JD        |     |     |       |
| P4017-21DL | DDCD7DL   | Solid  | (DEL) Alkane: Straight-Chain5.4 *    | 3,600.000     | JD        |     |     |       |
| P4017-21DL | DDCD7DL   | Solid  | (DEL) Alkane: Straight-Chain5.9 *    | 1,300.000     | JD        |     |     |       |
| P4017-21DL | DDCD7DL   | Solid  | (DEL) Alkane: Straight-Chain6.0 *    | 880.000       | JD        |     |     |       |
| P4017-21DL | DDCD7DL   | Solid  | (DEL) Alkane: Straight-Chain6.3 *    | 970.000       | JD        |     |     |       |
| P4017-21DL | DDCD7DL   | Solid  | (DEL) Alkane: Straight-Chain6.4 *    | 2,500.000     | JD        |     |     |       |
| P4017-21DL | DDCD7DL   | Solid  | (DEL) Alkane: Straight-Chain7.0 *    | 20,000.000    | JD        |     |     |       |
| P4017-21DL | DDCD7DL   | Solid  | (DEL) Alkane: Straight-Chain7.9 *    | 1,800.000     | JD        |     |     |       |
| P4017-21DL | DDCD7DL   | Solid  | (DEL) Alkane: Straight-Chain8.0 *    | 2,700.000     | JD        |     |     |       |
| P4017-21DL | DDCD7DL   | Solid  | (DEL) Alkane: Straight-Chain8.1 *    | 2,600.000     | JD        |     |     |       |
| P4017-21DL | DDCD7DL   | Solid  | (DEL) Alkane: Straight-Chain8.6 *    | 10,000.000    | JD        |     |     |       |
| P4017-21DL | DDCD7DL   | Solid  | 1-Hexanol, 2-ethyl-                  | *             | 3,800.000 | JD  |     |       |
| P4017-21DL | DDCD7DL   | Solid  | 2-Heptanone, 4,6-dimethyl-           | *             | 1,800.000 | JD  |     |       |
| P4017-21DL | DDCD7DL   | Solid  | 9-Octadecenoic acid (Z)-, methyl     | *             | 3,400.000 | JD  |     |       |
| P4017-21DL | DDCD7DL   | Solid  | Benzene, (1-methylethyl)-            | *             | 1,600.000 | JD  |     |       |
| P4017-21DL | DDCD7DL   | Solid  | Benzene, 1,3-diethyl-                | *             | 1,800.000 | JD  |     |       |
| P4017-21DL | DDCD7DL   | Solid  | Benzene, 1-ethyl-2,3-dimethyl-       | *             | 1,800.000 | JD  |     |       |
| P4017-21DL | DDCD7DL   | Solid  | Benzene, 1-ethyl-3-methyl-           | *             | 6,800.000 | JD  |     |       |
| P4017-21DL | DDCD7DL   | Solid  | Benzene, 1-methyl-2-propyl-          | *             | 2,000.000 | JD  |     |       |
| P4017-21DL | DDCD7DL   | Solid  | Benzene, 1-methyl-3-(1-methylethyl)- | *             | 2,600.000 | JD  |     |       |
| P4017-21DL | DDCD7DL   | Solid  | Benzene, 1-methyl-4-propyl-          | *             | 3,800.000 | JD  |     |       |
| P4017-21DL | DDCD7DL   | Solid  | Benzene, 2-ethyl-1,4-dimethyl-       | *             | 3,300.000 | JD  |     |       |
| P4017-21DL | DDCD7DL   | Solid  | Benzene, 4-ethyl-1,2-dimethyl-       | *             | 4,000.000 | JD  |     |       |
| P4017-21DL | DDCD7DL   | Solid  | Benzene, propyl-                     | *             | 3,000.000 | JD  |     |       |
| P4017-21DL | DDCD7DL   | Solid  | Cyclohexanone, 3,3,5-trimethyl-      | *             | 2,400.000 | JD  |     |       |
| P4017-21DL | DDCD7DL   | Solid  | Hexadecanoic acid, methyl ester      | *             | 3,300.000 | JD  |     |       |
| P4017-21DL | DDCD7DL   | Solid  | Hexanoic acid, 2-ethyl-              | *             | 4,400.000 | JD  |     |       |
| P4017-21DL | DDCD7DL   | Solid  | Indane                               | *             | 2,600.000 | JD  |     |       |
| P4017-21DL | DDCD7DL   | Solid  | Mesitylene                           | *             | 2,500.000 | JD  |     |       |
| P4017-21DL | DDCD7DL   | Solid  | Methyl stearate                      | *             | 1,100.000 | JD  |     |       |
| P4017-21DL | DDCD7DL   | Solid  | Naphthalene, 1,4,6-trimethyl-        | *             | 1,100.000 | JD  |     |       |
| P4017-21DL | DDCD7DL   | Solid  | Naphthalene, 1,6-dimethyl-           | *             | 2,400.000 | JD  |     |       |
| P4017-21DL | DDCD7DL   | Solid  | Naphthalene, 2,3-dimethyl-           | *             | 1,600.000 | JD  |     |       |
| P4017-21DL | DDCD7DL   | Solid  | Naphthalene, 2,7-dimethyl-           | *             | 1,400.000 | JD  |     |       |
| P4017-21DL | DDCD7DL   | Solid  | Naphthalene, 2-(1-methylethyl)-      | *             | 1,300.000 | JD  |     |       |
| P4017-21DL | DDCD7DL   | Solid  | Oxalic acid, 2-ethylhexyl tetradec   | *             | 1,100.000 | JD  |     |       |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID                   | Client ID | Matrix | Parameter                 | Concentration     | C          | MDL   | RDL  | Units |
|-----------------------------|-----------|--------|---------------------------|-------------------|------------|-------|------|-------|
| P4017-21DL                  | DDCD7DL   | Solid  | Total Alkanes             | *                 | 62,000.000 | D 580 | 2200 | ug/Kg |
| <b>Total Tics :</b>         |           |        |                           | <b>188,630.00</b> |            |       |      |       |
| P4017-21DL                  | DDCD7DL   | Solid  | 1-Methylnaphthalene       | 710.000           | JD         | 240   | 2200 | ug/Kg |
| P4017-21DL                  | DDCD7DL   | Solid  | 2,3,4,6-Tetrachlorophenol | 7,200.000         | D          | 660   | 2200 | ug/Kg |
| P4017-21DL                  | DDCD7DL   | Solid  | 2-Methylnaphthalene       | 1,200.000         | JD         | 470   | 2200 | ug/Kg |
| P4017-21DL                  | DDCD7DL   | Solid  | Naphthalene               | 480.000           | JD         | 420   | 2200 | ug/Kg |
| P4017-21DL                  | DDCD7DL   | Solid  | Pentachlorophenol         | 60,000.000        | D          | 480   | 4200 | ug/Kg |
| <b>Total Svoc :</b>         |           |        |                           | <b>69,590.00</b>  |            |       |      |       |
| <b>Total Concentration:</b> |           |        |                           | <b>258,220.00</b> |            |       |      |       |

Client ID : DDCD7DL2

|             |          |       |                                      |   |            |    |  |  |
|-------------|----------|-------|--------------------------------------|---|------------|----|--|--|
| P4017-21DL2 | DDCD7DL2 | Solid | (DEL) Alkane: Cyclic7.658            | * | 6,100.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | (DEL) Alkane: Straight-Chain12.8     | * | 3,900.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | (DEL) Alkane: Straight-Chain13.9     | * | 3,600.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | (DEL) Alkane: Straight-Chain15.2     | * | 2,600.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | (DEL) Alkane: Straight-Chain15.7     | * | 4,500.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | (DEL) Alkane: Straight-Chain16.4     | * | 4,000.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | (DEL) Alkane: Straight-Chain16.6     | * | 1,800.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | (DEL) Alkane: Straight-Chain17.2     | * | 3,400.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | (DEL) Alkane: Straight-Chain18.6     | * | 3,200.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | (DEL) Alkane: Straight-Chain21.7     | * | 2,900.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | (DEL) Alkane: Straight-Chain5.4      | * | 9,000.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | (DEL) Alkane: Straight-Chain5.9      | * | 3,200.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | (DEL) Alkane: Straight-Chain6.0      | * | 2,200.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | (DEL) Alkane: Straight-Chain6.3      | * | 2,500.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | (DEL) Alkane: Straight-Chain6.4      | * | 6,100.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | (DEL) Alkane: Straight-Chain7.0      | * | 50,000.000 | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | (DEL) Alkane: Straight-Chain7.5      | * | 2,100.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | (DEL) Alkane: Straight-Chain7.9      | * | 4,700.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | (DEL) Alkane: Straight-Chain8.0      | * | 6,700.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | (DEL) Alkane: Straight-Chain8.1      | * | 6,700.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | (DEL) Alkane: Straight-Chain8.6      | * | 26,000.000 | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | 1-Hexanol, 2-ethyl-                  | * | 9,700.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | 2-Heptanone, 4,6-dimethyl-           | * | 4,500.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | 3-(2-Methyl-propenyl)-1H-indene      | * | 3,500.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | 9-Octadecenoic acid (Z)-, methyl     | * | 9,000.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | Benzene, (1-methylethyl)-            | * | 3,800.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | Benzene, 1,2-diethyl-                | * | 4,500.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | Benzene, 1-ethyl-3-methyl-           | * | 17,000.000 | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | Benzene, 1-methyl-2-propyl-          | * | 5,000.000  | JD |  |  |
| P4017-21DL2 | DDCD7DL2 | Solid | Benzene, 1-methyl-3-(1-methylethyl)- | * | 11,000.000 | JD |  |  |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID                   | Client ID | Matrix | Parameter                          | Concentration     | C  | MDL  | RDL  | Units |
|-----------------------------|-----------|--------|------------------------------------|-------------------|----|------|------|-------|
| P4017-21DL2                 | DDCD7DL2  | Solid  | Benzene, 1-methyl-4-propyl-        | * 9,700.000       | JD |      |      |       |
| P4017-21DL2                 | DDCD7DL2  | Solid  | Benzene, 2-ethyl-1,4-dimethyl-     | * 8,400.000       | JD |      |      |       |
| P4017-21DL2                 | DDCD7DL2  | Solid  | Benzene, propyl-                   | * 7,600.000       | JD |      |      |       |
| P4017-21DL2                 | DDCD7DL2  | Solid  | Cyclohexanone, 2,3-dimethyl-       | * 3,000.000       | JD |      |      |       |
| P4017-21DL2                 | DDCD7DL2  | Solid  | Cyclohexanone, 3,3,5-trimethyl-    | * 6,000.000       | JD |      |      |       |
| P4017-21DL2                 | DDCD7DL2  | Solid  | Hexadecane, 1-iodo-                | * 3,500.000       | JD |      |      |       |
| P4017-21DL2                 | DDCD7DL2  | Solid  | Hexadecanoic acid, methyl ester    | * 9,000.000       | JD |      |      |       |
| P4017-21DL2                 | DDCD7DL2  | Solid  | Hexanoic acid, 2-ethyl-            | * 11,000.000      | JD |      |      |       |
| P4017-21DL2                 | DDCD7DL2  | Solid  | Indane                             | * 6,300.000       | JD |      |      |       |
| P4017-21DL2                 | DDCD7DL2  | Solid  | Mesitylene                         | * 6,300.000       | JD |      |      |       |
| P4017-21DL2                 | DDCD7DL2  | Solid  | Methyl stearate                    | * 3,000.000       | JD |      |      |       |
| P4017-21DL2                 | DDCD7DL2  | Solid  | Naphthalene, 1,2-dimethyl-         | * 3,600.000       | JD |      |      |       |
| P4017-21DL2                 | DDCD7DL2  | Solid  | Naphthalene, 1,3-dimethyl-         | * 6,100.000       | JD |      |      |       |
| P4017-21DL2                 | DDCD7DL2  | Solid  | Naphthalene, 1,4-dimethyl-         | * 4,400.000       | JD |      |      |       |
| P4017-21DL2                 | DDCD7DL2  | Solid  | Naphthalene, 1,6,7-trimethyl-      | * 2,000.000       | JD |      |      |       |
| P4017-21DL2                 | DDCD7DL2  | Solid  | Naphthalene, 2,3,6-trimethyl-      | * 2,900.000       | JD |      |      |       |
| P4017-21DL2                 | DDCD7DL2  | Solid  | Naphthalene, 2,3-dimethyl-         | * 3,200.000       | JD |      |      |       |
| P4017-21DL2                 | DDCD7DL2  | Solid  | o-Cymene                           | * 4,600.000       | JD |      |      |       |
| P4017-21DL2                 | DDCD7DL2  | Solid  | Oxalic acid, decyl 2-ethylhexyl es | * 2,600.000       | JD |      |      |       |
| P4017-21DL2                 | DDCD7DL2  | Solid  | p-Cymene                           | * 6,700.000       | JD |      |      |       |
| P4017-21DL2                 | DDCD7DL2  | Solid  | unknown-01                         | * 2,000.000       | JD |      |      |       |
| P4017-21DL2                 | DDCD7DL2  | Solid  | Total Alkanes                      | * 160,000.000     | D  | 1200 | 4300 | ug/Kg |
| <b>Total Tics :</b>         |           |        |                                    | <b>495,100.00</b> |    |      |      |       |
| P4017-21DL2                 | DDCD7DL2  | Solid  | 1-Methylnaphthalene                | 2,000.000         | JD | 480  | 4300 | ug/Kg |
| P4017-21DL2                 | DDCD7DL2  | Solid  | 2,3,4,6-Tetrachlorophenol          | 19,000.000        | D  | 1300 | 4300 | ug/Kg |
| P4017-21DL2                 | DDCD7DL2  | Solid  | 2-Methylnaphthalene                | 3,400.000         | JD | 940  | 4300 | ug/Kg |
| P4017-21DL2                 | DDCD7DL2  | Solid  | Naphthalene                        | 1,300.000         | JD | 840  | 4300 | ug/Kg |
| P4017-21DL2                 | DDCD7DL2  | Solid  | Pentachlorophenol                  | 170,000.000       | ED | 960  | 8400 | ug/Kg |
| <b>Total Svoc :</b>         |           |        |                                    | <b>195,700.00</b> |    |      |      |       |
| <b>Total Concentration:</b> |           |        |                                    | <b>690,800.00</b> |    |      |      |       |

Client ID : DDCD8

|          |       |       |                                    |           |   |  |  |  |
|----------|-------|-------|------------------------------------|-----------|---|--|--|--|
| P4017-22 | DDCD8 | Solid | (DEL) Alkane: Straight-Chain20.7   | * 120.000 | J |  |  |  |
| P4017-22 | DDCD8 | Solid | (DEL) Alkane: Straight-Chain7.02   | * 83.000  | J |  |  |  |
| P4017-22 | DDCD8 | Solid | Benzophenone                       | * 640.000 | J |  |  |  |
| P4017-22 | DDCD8 | Solid | Cyclohexanol, 3,3,5-trimethyl-, ci | * 82.000  | J |  |  |  |
| P4017-22 | DDCD8 | Solid | Cyclohexanone, 3,3,5-trimethyl-    | * 270.000 | J |  |  |  |
| P4017-22 | DDCD8 | Solid | Hexanoic acid, 2-ethyl-            | * 130.000 | J |  |  |  |
| P4017-22 | DDCD8 | Solid | Methanone, (1-hydroxycyclohexy     | * 110.000 | J |  |  |  |
| P4017-22 | DDCD8 | Solid | n-Hexadecanoic acid                | * 150.000 | J |  |  |  |
| P4017-22 | DDCD8 | Solid | unknown-01                         | * 110.000 | J |  |  |  |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID            | Client ID | Matrix | Parameter                          | Concentration | C          | MDL    | RDL  | Units |
|----------------------|-----------|--------|------------------------------------|---------------|------------|--------|------|-------|
| P4017-22             | DDCD8     | Solid  | Total Alkanes                      | *             | 200.000    | 56     | 210  | ug/Kg |
| Total Tics :         |           |        |                                    | 1,895.00      |            |        |      |       |
| P4017-22             | DDCD8     | Solid  | 2,3,4,6-Tetrachlorophenol          |               | 200.000    | J 63   | 210  | ug/Kg |
| P4017-22             | DDCD8     | Solid  | Pentachlorophenol                  |               | 3,100.000  | 46     | 400  | ug/Kg |
| Total Svoc :         |           |        |                                    | 3,300.00      |            |        |      |       |
| Total Concentration: |           |        |                                    | 5,195.00      |            |        |      |       |
| Client ID : DDCA2DL  |           |        |                                    |               |            |        |      |       |
| P4018-04DL           | DDCA2DL   | Solid  | (DEL) Alkane: Straight-Chain13.5   | *             | 7,800.000  | JD     |      |       |
| P4018-04DL           | DDCA2DL   | Solid  | (DEL) Alkane: Straight-Chain5.4    | *             | 2,500.000  | JD     |      |       |
| P4018-04DL           | DDCA2DL   | Solid  | (DEL) Alkane: Straight-Chain6.5    | *             | 2,600.000  | JD     |      |       |
| P4018-04DL           | DDCA2DL   | Solid  | (DEL) Alkane: Straight-Chain7.0    | *             | 8,300.000  | JD     |      |       |
| P4018-04DL           | DDCA2DL   | Solid  | (DEL) Alkane: Straight-Chain8.6    | *             | 4,900.000  | JD     |      |       |
| P4018-04DL           | DDCA2DL   | Solid  | 1-Hexanol, 2-ethyl-                | *             | 6,100.000  | JD     |      |       |
| P4018-04DL           | DDCA2DL   | Solid  | Butanoic acid, butyl ester         | *             | 2,500.000  | JD     |      |       |
| P4018-04DL           | DDCA2DL   | Solid  | Hexasiloxane, tetradecamethyl-     | *             | 1,900.000  | JD     |      |       |
| P4018-04DL           | DDCA2DL   | Solid  | Naphthalene, 1,4,6-trimethyl-      | *             | 2,200.000  | JD     |      |       |
| P4018-04DL           | DDCA2DL   | Solid  | Silane, trimethyl-2-naphthalenyl-  | *             | 1,900.000  | JD     |      |       |
| P4018-04DL           | DDCA2DL   | Solid  | Total Alkanes                      | *             | 26,000.000 | D 1100 | 4200 | ug/Kg |
| Total Tics :         |           |        |                                    | 66,700.00     |            |        |      |       |
| P4018-04DL           | DDCA2DL   | Solid  | 2,3,4,6-Tetrachlorophenol          |               | 6,100.000  | D 1300 | 4200 | ug/Kg |
| P4018-04DL           | DDCA2DL   | Solid  | Pentachlorophenol                  |               | 77,000.000 | D 940  | 8200 | ug/Kg |
| Total Svoc :         |           |        |                                    | 83,100.00     |            |        |      |       |
| Total Concentration: |           |        |                                    | 149,800.00    |            |        |      |       |
| Client ID : DDCA9DL2 |           |        |                                    |               |            |        |      |       |
| P4019-06DL2          | DDCA9DL2  | Solid  | (DEL) Alkane: Straight-Chain12.8   | *             | 950.000    | JD     |      |       |
| P4019-06DL2          | DDCA9DL2  | Solid  | (DEL) Alkane: Straight-Chain14.9   | *             | 1,200.000  | JD     |      |       |
| P4019-06DL2          | DDCA9DL2  | Solid  | (DEL) Alkane: Straight-Chain15.7   | *             | 1,000.000  | JD     |      |       |
| P4019-06DL2          | DDCA9DL2  | Solid  | (DEL) Alkane: Straight-Chain7.0    | *             | 2,300.000  | JD     |      |       |
| P4019-06DL2          | DDCA9DL2  | Solid  | (DEL) Alkane: Straight-Chain8.6    | *             | 2,500.000  | JD     |      |       |
| P4019-06DL2          | DDCA9DL2  | Solid  | Sulfurous acid, 2-ethylhexyl nonyl | *             | 3,100.000  | JD     |      |       |
| P4019-06DL2          | DDCA9DL2  | Solid  | Total Alkanes                      | *             | 8,000.000  | D 570  | 2100 | ug/Kg |
| Total Tics :         |           |        |                                    | 19,050.00     |            |        |      |       |
| P4019-06DL2          | DDCA9DL2  | Solid  | 2,3,4,6-Tetrachlorophenol          |               | 4,500.000  | D 640  | 2100 | ug/Kg |
| P4019-06DL2          | DDCA9DL2  | Solid  | Pentachlorophenol                  |               | 45,000.000 | D 470  | 4100 | ug/Kg |
| Total Svoc :         |           |        |                                    | 49,500.00     |            |        |      |       |
| Total Concentration: |           |        |                                    | 68,550.00     |            |        |      |       |
| Client ID : DDCE6DL  |           |        |                                    |               |            |        |      |       |
| P4019-11DL           | DDCE6DL   | Solid  | (DEL) Alkane: Cyclic6.052          | *             | 2,300.000  | JD     |      |       |
| P4019-11DL           | DDCE6DL   | Solid  | (DEL) Alkane: Straight-Chain11.5   | *             | 2,000.000  | JD     |      |       |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID    | Client ID | Matrix | Parameter                              | Concentration | C          | MDL    | RDL  | Units |
|--------------|-----------|--------|----------------------------------------|---------------|------------|--------|------|-------|
| P4019-11DL   | DDCE6DL   | Solid  | (DEL) Alkane: Straight-Chain12.8 *     | 2,600.000     | JD         |        |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | (DEL) Alkane: Straight-Chain14.9 *     | 2,400.000     | JD         |        |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | (DEL) Alkane: Straight-Chain15.7 *     | 2,300.000     | JD         |        |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | (DEL) Alkane: Straight-Chain16.6 *     | 2,000.000     | JD         |        |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | (DEL) Alkane: Straight-Chain5.4 *      | 6,300.000     | JD         |        |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | (DEL) Alkane: Straight-Chain5.9 *      | 1,900.000     | JD         |        |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | (DEL) Alkane: Straight-Chain5.9 *      | 2,100.000     | JD         |        |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | (DEL) Alkane: Straight-Chain6.3 *      | 1,700.000     | JD         |        |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | (DEL) Alkane: Straight-Chain6.3 *      | 1,700.000     | JD         |        |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | (DEL) Alkane: Straight-Chain6.4 *      | 2,800.000     | JD         |        |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | (DEL) Alkane: Straight-Chain6.4 *      | 3,900.000     | JD         |        |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | (DEL) Alkane: Straight-Chain6.5 *      | 5,900.000     | JD         |        |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | (DEL) Alkane: Straight-Chain7.0 *      | 23,000.000    | JD         |        |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | (DEL) Alkane: Straight-Chain7.9 *      | 2,600.000     | JD         |        |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | (DEL) Alkane: Straight-Chain8.1 *      | 4,000.000     | JD         |        |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | (DEL) Alkane: Straight-Chain8.6 *      | 16,000.000    | JD         |        |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | 1-Hexanol, 2-ethyl-                    | *             | 8,400.000  | JD     |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | 2-Heptanone, 4,6-dimethyl-             | *             | 3,200.000  | JD     |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | Benzene, 1,2-diethyl-                  | *             | 2,000.000  | JD     |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | Benzene, 1-ethyl-2-methyl-             | *             | 1,800.000  | JD     |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | Benzene, 1-ethyl-4-methyl-             | *             | 2,200.000  | JD     |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | Benzene, 1-methyl-3-(1-methylethyl)-   | *             | 2,200.000  | JD     |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | Benzene, 1-methyl-4-propyl-            | *             | 5,100.000  | JD     |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | Benzene, 2-ethyl-1,4-dimethyl-         | *             | 2,000.000  | JD     |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | Benzene, 4-ethyl-1,2-dimethyl-         | *             | 3,300.000  | JD     |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | Cyclohexane, 1,1-(1-methyl-1,2-ethyl)- | *             | 3,600.000  | JD     |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | Cyclohexanol, 1-methyl-                | *             | 1,700.000  | JD     |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | Cyclohexanone, 3,3,5-trimethyl-        | *             | 2,200.000  | JD     |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | Decane, 2-methyl-                      | *             | 4,300.000  | JD     |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | Heptyl isobutyl ketone                 | *             | 1,600.000  | JD     |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | Hexadecanoic acid, methyl ester        | *             | 2,400.000  | JD     |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | Mesitylene                             | *             | 1,800.000  | JD     |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | Naphthalene, 1,7-dimethyl-             | *             | 2,100.000  | JD     |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | o-Cymene                               | *             | 3,800.000  | JD     |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | Sulfurous acid, decyl 2-ethylhexyl-    | *             | 4,100.000  | JD     |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | unknown-01                             | *             | 3,900.000  | JD     |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | unknown-02                             | *             | 3,100.000  | JD     |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | Total Alkanes                          | *             | 86,000.000 | D 1100 | 4000 | ug/Kg |
| Total Tics : |           |        |                                        | 236,300.00    |            |        |      |       |
| P4019-11DL   | DDCE6DL   | Solid  | 2,3,4,6-Tetrachlorophenol              | 9,100.000     | D 1200     |        | 4000 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID            | Client ID | Matrix | Parameter                        | Concentration | C       | MDL  | RDL  | Units |
|----------------------|-----------|--------|----------------------------------|---------------|---------|------|------|-------|
| P4019-11DL           | DDCE6DL   | Solid  | 2-Methylnaphthalene              | 1,200.000     | JD      | 860  | 4000 | ug/Kg |
| P4019-11DL           | DDCE6DL   | Solid  | Pentachlorophenol                | 100,000.000   | D       | 890  | 7700 | ug/Kg |
| Total Svoc :         |           |        |                                  | 110,300.00    |         |      |      |       |
| Total Concentration: |           |        |                                  | 346,600.00    |         |      |      |       |
| Client ID : DCYM6    |           |        |                                  |               |         |      |      |       |
| P4084-08             | DCYM6     | Solid  | Benzophenone                     | *             | 120.000 | J    |      |       |
| P4084-08             | DCYM6     | Solid  | n-Hexadecanoic acid              | *             | 92.000  | J    |      |       |
| P4084-08             | DCYM6     | Solid  | Trifluoroacetoxy hexadecane      | *             | 110.000 | J    |      |       |
| P4084-08             | DCYM6     | Solid  | Total Alkanes                    | *             | 0.000   | 57   | 210  | ug/Kg |
| Total Tics :         |           |        |                                  | 322.00        |         |      |      |       |
| Total Concentration: |           |        |                                  | 322.00        |         |      |      |       |
| Client ID : DCYM7    |           |        |                                  |               |         |      |      |       |
| P4084-09             | DCYM7     | Solid  | Benzophenone                     | *             | 120.000 | J    |      |       |
| P4084-09             | DCYM7     | Solid  | Total Alkanes                    | *             | 0.000   | 57   | 210  | ug/Kg |
| Total Tics :         |           |        |                                  | 120.00        |         |      |      |       |
| Total Concentration: |           |        |                                  | 120.00        |         |      |      |       |
| Client ID : DCYM8    |           |        |                                  |               |         |      |      |       |
| P4084-10             | DCYM8     | Solid  | Benzophenone                     | *             | 100.000 | J    |      |       |
| P4084-10             | DCYM8     | Solid  | Total Alkanes                    | *             | 0.000   | 55   | 200  | ug/Kg |
| Total Tics :         |           |        |                                  | 100.00        |         |      |      |       |
| P4084-10             | DCYM8     | Solid  | Benzo(b)fluoranthene             |               | 69.000  | J 58 | 200  | ug/Kg |
| Total Svoc :         |           |        |                                  | 69.00         |         |      |      |       |
| Total Concentration: |           |        |                                  | 169.00        |         |      |      |       |
| Client ID : DCYM9    |           |        |                                  |               |         |      |      |       |
| P4084-11             | DCYM9     | Solid  | (DEL) Alkane: Straight-Chain20.7 | *             | 91.000  | J    |      |       |
| P4084-11             | DCYM9     | Solid  | Benzophenone                     | *             | 110.000 | J    |      |       |
| P4084-11             | DCYM9     | Solid  | n-Hexadecanoic acid              | *             | 110.000 | J    |      |       |
| P4084-11             | DCYM9     | Solid  | Total Alkanes                    | *             | 91.000  | 54   | 200  | ug/Kg |
| Total Tics :         |           |        |                                  | 402.00        |         |      |      |       |
| Total Concentration: |           |        |                                  | 402.00        |         |      |      |       |
| Client ID : DCYN2    |           |        |                                  |               |         |      |      |       |
| P4084-14             | DCYN2     | Solid  | (DEL) Alkane: Straight-Chain20.7 | *             | 90.000  | J    |      |       |
| P4084-14             | DCYN2     | Solid  | Benzophenone                     | *             | 110.000 | J    |      |       |
| P4084-14             | DCYN2     | Solid  | n-Hexadecanoic acid              | *             | 100.000 | J    |      |       |
| P4084-14             | DCYN2     | Solid  | Total Alkanes                    | *             | 90.000  | 57   | 210  | ug/Kg |
| Total Tics :         |           |        |                                  | 390.00        |         |      |      |       |
| P4084-14             | DCYN2     | Solid  | Acenaphthene                     |               | 100.000 | J 61 | 210  | ug/Kg |
| P4084-14             | DCYN2     | Solid  | Phenanthrene                     |               | 100.000 | J 65 | 210  | ug/Kg |
| Total Svoc :         |           |        |                                  | 200.00        |         |      |      |       |

### Hit Summary Sheet SW-846

SDG No.: BN100224

Client:

| Sample ID            | Client ID | Matrix | Parameter           | Concentration | C       | MDL | RDL | Units |
|----------------------|-----------|--------|---------------------|---------------|---------|-----|-----|-------|
| Total Concentration: |           |        |                     | 590.00        |         |     |     |       |
| Client ID :          | DCYN3     |        |                     |               |         |     |     |       |
| P4084-15             | DCYN3     | Solid  | Behenic alcohol     | *             | 100.000 | J   |     |       |
| P4084-15             | DCYN3     | Solid  | Benzophenone        | *             | 110.000 | J   |     |       |
| P4084-15             | DCYN3     | Solid  | n-Hexadecanoic acid | *             | 120.000 | J   |     |       |
| P4084-15             | DCYN3     | Solid  | Total Alkanes       | *             | 0.000   | 57  | 210 | ug/Kg |
| Total Tics :         |           |        |                     | 330.00        |         |     |     |       |
| Total Concentration: |           |        |                     | 330.00        |         |     |     |       |



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BN091124

SAS No.: BN091124

SDG No.: BN091124

Instrument ID: \_\_\_\_\_

Calibration Date(s): 9/10/2024 : \_\_\_\_\_

Calibration Time(s): 17:22 \_\_\_\_\_

|                            |        |                     |        |        |                     |        |                     |       |
|----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:               |        | RRFAL1 = BN033845.D |        |        | RRFAL2 = BN033846.D |        | RRFAL3 = BN033847.D |       |
|                            |        | RRFAL4 = BN033848.D |        |        | RRFAL5 = BN033849.D |        | RRFAL6 = BN033850.D |       |
| COMPOUND                   | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4 | RRFAL5              | RRFAL6 | RRF                 | % RSD |
| 1,4-Dioxane                | 0.488  | 0.571               | 0.495  | 0.523  | 0.508               |        | 0.517               | 6.4   |
| Benzaldehyde               |        | 1.124               | 1.111  | 1.040  | 0.761               | 0.650  | 0.937               | 23.2  |
| Pyridine                   |        | 1.580               | 1.401  | 1.504  | 1.496               | 1.473  | 1.491               | 4.3   |
| Hexachloroethane           | 0.577  | 0.639               | 0.567  | 0.621  | 0.615               |        | 0.604               | 5.1   |
| Nitrobenzene               | 0.369  | 0.439               | 0.382  | 0.405  | 0.400               |        | 0.399               | 6.7   |
| Isophorone                 | 0.675  | 0.802               | 0.701  | 0.753  | 0.748               |        | 0.736               | 6.7   |
| 2-Nitrophenol              | 0.154  | 0.193               | 0.179  | 0.195  | 0.197               |        | 0.183               | 9.7   |
| 2,4-Dimethylphenol         | 0.346  | 0.414               | 0.364  | 0.377  | 0.386               |        | 0.377               | 6.7   |
| Bis(2-Chloroethoxy)methane | 0.430  | 0.495               | 0.429  | 0.459  | 0.451               |        | 0.453               | 5.9   |
| 2,4-Dichlorophenol         | 0.283  | 0.338               | 0.297  | 0.322  | 0.323               |        | 0.313               | 7.1   |
| Naphthalene                | 1.080  | 1.203               | 1.022  | 1.093  | 1.072               |        | 1.094               | 6.1   |
| 4-Chloroaniline            |        | 0.505               | 0.429  | 0.456  | 0.467               | 0.445  | 0.461               | 6.2   |
| Hexachlorobutadiene        | 0.195  | 0.221               | 0.189  | 0.203  | 0.195               |        | 0.201               | 6.2   |
| Phenol                     |        | 1.928               | 1.725  | 1.842  | 1.874               | 1.871  | 1.848               | 4.1   |
| Caprolactam                |        | 0.115               | 0.152  | 0.115  | 0.121               | 0.119  | 0.124               | 12.4  |
| 4-Chloro-3-methylphenol    | 0.332  | 0.395               | 0.354  | 0.378  | 0.382               |        | 0.368               | 6.9   |
| 1-Methylnaphthalene        | 0.733  | 0.841               | 0.723  | 0.763  | 0.755               |        | 0.763               | 6.1   |
| 2-Methylnaphthalene        | 0.734  | 0.830               | 0.712  | 0.743  | 0.750               |        | 0.754               | 6.0   |
| Hexachlorocyclopentadiene  |        | 0.330               | 0.415  | 0.354  | 0.341               | 0.336  | 0.355               | 9.8   |
| 2,4,6-Trichlorophenol      | 0.333  | 0.402               | 0.370  | 0.404  | 0.404               |        | 0.383               | 8.2   |
| 2,4,5-Trichlorophenol      | 0.371  | 0.447               | 0.399  | 0.447  | 0.439               |        | 0.420               | 8.2   |
| 1,1-Biphenyl               | 1.462  | 1.671               | 1.418  | 1.520  | 1.468               |        | 1.508               | 6.5   |
| 2-Chloronaphthalene        | 1.119  | 1.294               | 1.111  | 1.192  | 1.157               |        | 1.175               | 6.3   |
| 2-Nitroaniline             | 0.319  | 0.404               | 0.366  | 0.407  | 0.401               |        | 0.380               | 9.9   |
| Bis(2-Chloroethyl)ether    |        | 1.537               | 1.365  | 1.468  | 1.423               | 1.388  | 1.436               | 4.8   |
| Dimethylphthalate          | 1.456  | 1.675               | 1.456  | 1.527  | 1.504               |        | 1.523               | 5.9   |
| 2,6-Dinitrotoluene         | 0.244  | 0.311               | 0.289  | 0.324  | 0.332               |        | 0.300               | 11.8  |
| Acenaphthylene             | 1.716  | 2.005               | 1.755  | 1.893  | 1.830               |        | 1.840               | 6.2   |
| 3-Nitroaniline             |        | 0.341               | 0.330  | 0.352  | 0.326               | 0.308  | 0.331               | 5.0   |
| Acenaphthene               | 1.249  | 1.439               | 1.255  | 1.327  | 1.298               |        | 1.314               | 5.9   |
| 2,4-Dinitrophenol          |        | 0.136               | 0.141  | 0.183  | 0.199               | 0.223  | 0.176               | 21.4  |
| 4-Nitrophenol              |        | 0.279               | 0.247  | 0.265  | 0.266               | 0.246  | 0.261               | 5.4   |
| Dibenzofuran               | 1.741  | 1.970               | 1.728  | 1.811  | 1.731               |        | 1.796               | 5.7   |
| 2,4-Dinitrotoluene         | 0.369  | 0.474               | 0.444  | 0.488  | 0.485               |        | 0.452               | 10.9  |
| Diethylphthalate           | 1.492  | 1.736               | 1.525  | 1.622  | 1.584               |        | 1.592               | 6.0   |
| 2-Chlorophenol             | 1.347  | 1.522               | 1.369  | 1.455  | 1.466               |        | 1.432               | 5.0   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BN091124

SAS No.: BN091124

SDG No.: BN091124

Instrument ID: \_\_\_\_\_

Calibration Date(s): 9/10/2024 : \_\_\_\_\_

Calibration Time(s): 17:22 \_\_\_\_\_

|                             |        |                     |        |        |                     |        |                     |       |
|-----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:                |        | RRFAL1 = BN033845.D |        |        | RRFAL2 = BN033846.D |        | RRFAL3 = BN033847.D |       |
|                             |        | RRFAL4 = BN033848.D |        |        | RRFAL5 = BN033849.D |        | RRFAL6 = BN033850.D |       |
| COMPOUND                    | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4 | RRFAL5              | RRFAL6 | RRF                 | % RSD |
| Fluorene                    | 1.428  | 1.618               | 1.395  | 1.483  | 1.423               |        | 1.469               | 6.0   |
| 4-Chlorophenyl-phenylether  | 0.694  | 0.779               | 0.679  | 0.723  | 0.686               |        | 0.712               | 5.7   |
| 4-Nitroaniline              |        | 0.363               | 0.348  | 0.367  | 0.328               | 0.299  | 0.341               | 8.2   |
| 4,6-Dinitro-2-methylphenol  |        | 0.120               | 0.115  | 0.134  | 0.146               | 0.147  | 0.132               | 10.9  |
| N-Nitrosodiphenylamine      | 0.576  | 0.660               | 0.566  | 0.596  | 0.598               |        | 0.599               | 6.1   |
| 1,2,4,5-Tetrachlorobenzene  | 0.542  | 0.632               | 0.554  | 0.586  | 0.572               |        | 0.577               | 6.1   |
| 4-Bromophenyl-phenylether   | 0.189  | 0.220               | 0.191  | 0.209  | 0.208               |        | 0.203               | 6.5   |
| Hexachlorobenzene           | 0.225  | 0.258               | 0.226  | 0.231  | 0.239               |        | 0.236               | 5.9   |
| Atrazine                    |        | 0.240               | 0.211  | 0.219  | 0.223               | 0.193  | 0.217               | 7.9   |
| Pentachlorophenol           |        | 0.152               | 0.140  | 0.159  | 0.166               | 0.168  | 0.157               | 7.2   |
| 2-Methylphenol              |        | 1.424               | 1.289  | 1.388  | 1.409               | 1.396  | 1.381               | 3.9   |
| Phenanthrene                | 1.066  | 1.207               | 1.055  | 1.108  | 1.079               |        | 1.103               | 5.6   |
| Pentachlorobenzene          | 0.278  | 0.313               | 0.266  | 0.280  | 0.280               |        | 0.283               | 6.2   |
| Anthracene                  | 1.089  | 1.240               | 1.072  | 1.117  | 1.114               |        | 1.126               | 5.9   |
| 1,2,3,4-Tetrachlorobenzene  | 0.264  | 0.308               | 0.264  | 0.277  | 0.278               |        | 0.278               | 6.5   |
| Carbazole                   |        | 1.164               | 0.991  | 1.049  | 1.022               | 0.957  | 1.036               | 7.6   |
| Di-n-butylphthalate         | 1.231  | 1.430               | 1.284  | 1.341  | 1.302               |        | 1.318               | 5.6   |
| Fluoranthene                | 1.231  | 1.427               | 1.254  | 1.329  | 1.272               |        | 1.303               | 6.0   |
| Pyrene                      | 1.357  | 1.544               | 1.334  | 1.414  | 1.354               |        | 1.400               | 6.1   |
| Butylbenzylphthalate        | 0.564  | 0.664               | 0.602  | 0.658  | 0.653               |        | 0.628               | 7.0   |
| 3,3-Dichlorobenzidine       |        | 0.478               | 0.436  | 0.479  | 0.451               | 0.402  | 0.449               | 7.1   |
| 2,2-oxybis(1-Chloropropane) |        | 2.341               | 2.076  | 2.165  | 2.051               | 1.958  | 2.118               | 6.8   |
| Benzo(a)anthracene          | 1.369  | 1.566               | 1.358  | 1.452  | 1.384               |        | 1.426               | 6.1   |
| Chrysene                    | 1.336  | 1.479               | 1.287  | 1.369  | 1.331               |        | 1.361               | 5.3   |
| Bis(2-ethylhexyl)phthalate  | 0.803  | 1.003               | 0.894  | 0.971  | 0.926               |        | 0.919               | 8.4   |
| Di-n-octyl phthalate        |        | 1.386               | 1.272  | 1.424  | 1.362               | 1.210  | 1.331               | 6.6   |
| Benzo(b)fluoranthene        | 1.155  | 1.340               | 1.152  | 1.242  | 1.209               |        | 1.219               | 6.3   |
| Benzo(k)fluoranthene        | 1.129  | 1.333               | 1.138  | 1.210  | 1.205               |        | 1.203               | 6.8   |
| Benzo(a)pyrene              | 1.054  | 1.256               | 1.096  | 1.180  | 1.174               |        | 1.152               | 6.9   |
| Indeno(1,2,3-cd)pyrene      | 1.313  | 1.519               | 1.345  | 1.438  | 1.520               |        | 1.427               | 6.7   |
| Dibenzo(a,h)anthracene      | 1.065  | 1.248               | 1.074  | 1.156  | 1.225               |        | 1.154               | 7.3   |
| Benzo(g,h,i)perylene        | 1.004  | 1.180               | 1.044  | 1.124  | 1.188               |        | 1.108               | 7.4   |
| Acetophenone                |        | 2.495               | 2.196  | 2.342  | 2.294               | 2.241  | 2.314               | 5.0   |
| 2,3,4,6-Tetrachlorophenol   | 0.304  | 0.364               | 0.343  | 0.372  | 0.362               |        | 0.349               | 7.8   |
| 1,4-Dioxane-d8              | 0.468  | 0.540               | 0.471  | 0.493  | 0.479               |        | 0.490               | 6.0   |
| Pyridine-d5                 |        | 1.532               | 1.375  | 1.462  | 1.463               | 1.453  | 1.457               | 3.8   |

All other compounds must meet a minimum RRF of 0.010.



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BN091124 SAS No.: BN091124 SDG No.: BN091124  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 9/10/2024 : \_\_\_\_\_  
Calibration Time(s): 17:22 \_\_\_\_\_

|                             |        |                     |        |        |                     |        |                     |       |
|-----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:                |        | RRFAL1 = BN033845.D |        |        | RRFAL2 = BN033846.D |        | RRFAL3 = BN033847.D |       |
|                             |        | RRFAL4 = BN033848.D |        |        | RRFAL5 = BN033849.D |        | RRFAL6 = BN033850.D |       |
| COMPOUND                    | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4 | RRFAL5              | RRFAL6 | RRF                 | % RSD |
| Phenol-d5                   |        | 1.825               | 1.663  | 1.765  | 1.810               | 1.812  | 1.775               | 3.8   |
| Bis-(2-Chloroethyl)ether-d8 |        | 1.205               | 1.052  | 1.119  | 1.069               | 1.062  | 1.101               | 5.8   |
| 2-Chlorophenol-d4           | 1.269  | 1.476               | 1.336  | 1.443  | 1.462               |        | 1.397               | 6.5   |
| 4-Methylphenol-d8           |        | 1.485               | 1.362  | 1.474  | 1.485               | 1.496  | 1.461               | 3.8   |
| Nitrobenzene-d5             | 0.143  | 0.167               | 0.154  | 0.167  | 0.168               |        | 0.159               | 6.9   |
| 2-Nitrophenol-d4            | 0.136  | 0.168               | 0.155  | 0.179  | 0.183               |        | 0.164               | 11.8  |
| 2,4-Dichlorophenol-d3       | 0.275  | 0.331               | 0.292  | 0.322  | 0.323               |        | 0.309               | 7.7   |
| 4-Chloroaniline-d4          |        | 0.500               | 0.438  | 0.470  | 0.476               | 0.453  | 0.467               | 5.0   |
| 4-Methylphenol              |        | 1.600               | 1.445  | 1.553  | 1.545               | 1.543  | 1.537               | 3.7   |
| Dimethylphthalate-d6        | 1.431  | 1.619               | 1.426  | 1.511  | 1.486               |        | 1.495               | 5.2   |
| Acenaphthylene-d8           | 1.516  | 1.827               | 1.603  | 1.743  | 1.718               |        | 1.681               | 7.3   |
| 4-Nitrophenol-d4            |        | 0.308               | 0.283  | 0.317  | 0.321               | 0.304  | 0.307               | 4.8   |
| Fluorene-d10                | 1.221  | 1.390               | 1.198  | 1.282  | 1.241               |        | 1.267               | 6.0   |
| 4,6-Dinitro-2-methylphenol- |        | 0.101               | 0.103  | 0.121  | 0.133               | 0.137  | 0.119               | 13.9  |
| Anthracene-d10              | 0.886  | 1.030               | 0.902  | 0.943  | 0.940               |        | 0.940               | 5.9   |
| Pyrene-d10                  | 1.059  | 1.201               | 1.080  | 1.127  | 1.104               |        | 1.114               | 4.9   |
| Benzo(a)pyrene-d12          | 0.933  | 1.121               | 0.973  | 1.054  | 1.056               |        | 1.027               | 7.3   |
| N-Nitroso-di-n-propylamine  | 1.051  | 1.256               | 1.103  | 1.168  | 1.149               |        | 1.146               | 6.7   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

EPA Sample No.: SSTD020219 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 13:01

Instrument ID: BNA\_N GC Column: ZB-GR ID: 0.25 (mm)

|    |                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|----|----------------|---------------------|-------|---------------------|--------|---------------------|--------|
|    | 12 HOUR STD    | 200340              | 7.499 | 881178              | 10.26  | 573184              | 14.14  |
|    | UPPER LIMIT    | 400680              | 7.999 | 1762356             | 10.757 | 1146368             | 14.639 |
|    | LOWER LIMIT    | 100170              | 6.999 | 440589              | 9.757  | 286592              | 13.639 |
|    | EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 | SBLK456        | 219135              | 7.39  | 875759              | 10.14  | 542214              | 14.04  |
| 02 | DCVW4          | 250107              | 7.39  | 1.0103e+            | 10.14  | 631314              | 14.04  |
| 03 | DCVW5          | 229133              | 7.39  | 895037              | 10.14  | 517079              | 14.04  |
| 04 | DDC20          | 245834              | 7.39  | 1.00728e            | 10.14  | 631847              | 14.04  |
| 05 | DDC21          | 254432              | 7.39  | 1.02032e            | 10.14  | 638925              | 14.04  |
| 06 | DDC22          | 247071              | 7.39  | 989699              | 10.14  | 639176              | 14.04  |
| 07 | DDC23          | 202172              | 7.39  | 740827              | 10.15  | 567464              | 14.05  |
| 08 | DDC23MS        | 215970              | 7.39  | 762812              | 10.15  | 559270              | 14.05  |
| 09 | DDC23MSD       | 206960              | 7.39  | 749794              | 10.15  | 572761              | 14.05  |
| 10 | DDC24          | 228121              | 7.39  | 857972              | 10.15  | 621222              | 14.05  |
| 11 | DDC25          | 261664              | 7.39  | 1.04594e            | 10.14  | 624197              | 14.04  |
| 12 | SLCS456        | 216095              | 7.39  | 853931              | 10.14  | 537674              | 14.04  |
| 13 | SBLK513        | 261184              | 7.39  | 1.03966e            | 10.14  | 623368              | 14.04  |
| 14 | DDCA9DL2       | 233859              | 7.38  | 940305              | 10.14  | 582159              | 14.04  |
| 15 | DDCE6DL        | 216199              | 7.39  | 862693              | 10.14  | 514379              | 14.04  |
| 16 | DDC40          | 248807              | 7.39  | 1.01065e            | 10.14  | 633674              | 14.04  |
| 17 | DDC43          | 249958              | 7.39  | 950622              | 10.14  | 600193              | 14.04  |
| 18 | DDC44          | 255515              | 7.38  | 1.01059e            | 10.14  | 616008              | 14.04  |
| 19 | DDC85          | 258141              | 7.38  | 1.03187e            | 10.14  | 631339              | 14.04  |
| 20 | DDC94          | 230246              | 7.38  | 899085              | 10.14  | 541619              | 14.04  |
| 21 | DDC95          | 210697              | 7.39  | 801499              | 10.15  | 571574              | 14.04  |
| 22 | DDC97          | 234526              | 7.38  | 938182              | 10.14  | 580473              | 14.03  |
| 23 | DDC98          | 244714              | 7.38  | 961262              | 10.14  | 587752              | 14.03  |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

EPA Sample No.: SSTD020219 Date Analyzed: Oct 3 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 06:02

Instrument ID: BNA\_N GC Column: ZB-GR ID: 0.25 (mm)

|    |                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|----|----------------|---------------------|-------|---------------------|--------|---------------------|--------|
|    | 12 HOUR STD    | 200340              | 7.499 | 881178              | 10.26  | 573184              | 14.14  |
|    | UPPER LIMIT    | 400680              | 7.999 | 1762356             | 10.757 | 1146368             | 14.639 |
|    | LOWER LIMIT    | 100170              | 6.999 | 440589              | 9.757  | 286592              | 13.639 |
|    | EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 24 | DDCD4          | 251021              | 7.38  | 954644              | 10.14  | 562803              | 14.03  |
| 25 | SBLK489        | 298713              | 7.38  | 1.17123e            | 10.14  | 691992              | 14.03  |
| 26 | DDCD7          | 220448              | 7.39  | 841672              | 10.14  | 531551              | 14.04  |
| 27 | DDCD8          | 249512              | 7.38  | 962306              | 10.14  | 559070              | 14.03  |
| 28 | DDCA2DL        | 215069              | 7.38  | 846726              | 10.14  | 508495              | 14.03  |
| 29 | DDC20DL        | 212106              | 7.38  | 846282              | 10.14  | 512520              | 14.03  |
| 30 | DDC21DL        | 242836              | 7.38  | 967342              | 10.14  | 590830              | 14.03  |
| 31 | DDC22DL        | 222226              | 7.38  | 890644              | 10.14  | 542765              | 14.03  |
| 32 | DDC23DL        | 226278              | 7.38  | 873186              | 10.14  | 553932              | 14.03  |
| 33 | DDC24DL        | 217344              | 7.38  | 900127              | 10.14  | 574842              | 14.03  |
| 34 | DDC24DL2       | 200320              | 7.38  | 788446              | 10.14  | 483668              | 14.03  |
| 35 | DDC40DL        | 221708              | 7.38  | 886952              | 10.14  | 531612              | 14.03  |
| 36 | DDC43DL        | 228627              | 7.38  | 924225              | 10.13  | 559374              | 14.03  |
| 37 | DDC43DL2       | 217843              | 7.38  | 867713              | 10.14  | 531688              | 14.03  |
| 38 | SBLK635        | 178039              | 7.38  | 668265              | 10.13  | 376810              | 14.03  |
| 39 | DDC95DL        | 227184              | 7.38  | 925441              | 10.14  | 608137              | 14.03  |
| 40 | DDC95DL2       | 226554              | 7.38  | 912943              | 10.13  | 553124              | 14.03  |
| 41 | DDCD7DL        | 230930              | 7.38  | 943261              | 10.13  | 584773              | 14.03  |
| 42 | DDCD7DL2       | 141934              | 7.38  | 561480              | 10.13  | 352660              | 14.03  |
| 43 | DDC85DL        | 222758              | 7.38  | 898096              | 10.13  | 574760              | 14.03  |
| 44 | DDC94DL        | 255858              | 7.38  | 1.06286e            | 10.13  | 663532              | 14.03  |
| 45 | DCYM7          | 207823              | 7.38  | 769046              | 10.13  | 442982              | 14.03  |
| 46 | DCYM6          | 208805              | 7.38  | 792250              | 10.13  | 469846              | 14.03  |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

EPA Sample No.: SSTD020219 Date Analyzed: Oct 3 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 23:07

Instrument ID: BNA\_N GC Column: ZB-GR ID: 0.25 (mm)

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|----------------|---------------------|-------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 200340              | 7.499 | 881178              | 10.26  | 573184              | 14.14  |
| UPPER LIMIT    | 400680              | 7.999 | 1762356             | 10.757 | 1146368             | 14.639 |
| LOWER LIMIT    | 100170              | 6.999 | 440589              | 9.757  | 286592              | 13.639 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 47 DCYM8       | 201953              | 7.38  | 756310              | 10.13  | 434970              | 14.03  |
| 48 DCYM9       | 197324              | 7.38  | 736811              | 10.13  | 431091              | 14.03  |
| 49 DCYN2       | 212729              | 7.38  | 791134              | 10.13  | 482111              | 14.03  |
| 50 DCYN3       | 201109              | 7.38  | 754590              | 10.13  | 437048              | 14.03  |
| 51 SLCS635     | 227314              | 7.38  | 874608              | 10.13  | 530816              | 14.03  |

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

EPA Sample No.: SSTD020327 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BN034333.D Time Analyzed: 13:01

Instrument ID: BNA\_N GC Column: ZB-GR ID: 0.25 (mm)

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #  | IS3 (ANT)<br>AREA # | RT #  |
|----------------|---------------------|-------|---------------------|-------|---------------------|-------|
| 12 HOUR STD    | 218231              | 7.387 | 845418              | 10.14 | 522217              | 14.04 |
| UPPER LIMIT    | 436462              | 7.887 | 1690836             | 10.64 | 1044434             | 14.54 |
| LOWER LIMIT    | 109115.5            | 6.887 | 422709              | 9.64  | 261108.5            | 13.54 |
| EPA SAMPLE NO. |                     |       |                     |       |                     |       |
| 01 SBLK456     | 219135              | 7.39  | 875759              | 10.14 | 542214              | 14.04 |
| 02 DCVW4       | 250107              | 7.39  | 1.0103e+            | 10.14 | 631314              | 14.04 |
| 03 DCVW5       | 229133              | 7.39  | 895037              | 10.14 | 517079              | 14.04 |
| 04 DDC20       | 245834              | 7.39  | 1.00728e            | 10.14 | 631847              | 14.04 |
| 05 DDC21       | 254432              | 7.39  | 1.02032e            | 10.14 | 638925              | 14.04 |
| 06 DDC22       | 247071              | 7.39  | 989699              | 10.14 | 639176              | 14.04 |
| 07 DDC23       | 202172              | 7.39  | 740827              | 10.15 | 567464              | 14.05 |
| 08 DDC23MS     | 215970              | 7.39  | 762812              | 10.15 | 559270              | 14.05 |
| 09 DDC23MSD    | 206960              | 7.39  | 749794              | 10.15 | 572761              | 14.05 |
| 10 DDC24       | 228121              | 7.39  | 857972              | 10.15 | 621222              | 14.05 |
| 11 DDC25       | 261664              | 7.39  | 1.04594e            | 10.14 | 624197              | 14.04 |
| 12 SLCS456     | 216095              | 7.39  | 853931              | 10.14 | 537674              | 14.04 |

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

EPA Sample No.: SSTD020328 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BN034346.D Time Analyzed: 22:50

Instrument ID: BNA\_N GC Column: ZB-GR ID: 0.25 (mm)

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #  | IS3 (ANT)<br>AREA # | RT #  |
|----------------|---------------------|-------|---------------------|-------|---------------------|-------|
| 12 HOUR STD    | 245746              | 7.381 | 994456              | 10.14 | 601215              | 14.04 |
| UPPER LIMIT    | 491492              | 7.881 | 1988912             | 10.64 | 1202430             | 14.54 |
| LOWER LIMIT    | 122873              | 6.881 | 497228              | 9.64  | 300607.5            | 13.54 |
| EPA SAMPLE NO. |                     |       |                     |       |                     |       |
| 01 SBLK513     | 261184              | 7.39  | 1.03966e            | 10.14 | 623368              | 14.04 |
| 02 DDCA9DL2    | 233859              | 7.38  | 940305              | 10.14 | 582159              | 14.04 |
| 03 DDCE6DL     | 216199              | 7.39  | 862693              | 10.14 | 514379              | 14.04 |
| 04 DDC40       | 248807              | 7.39  | 1.01065e            | 10.14 | 633674              | 14.04 |
| 05 DDC43       | 249958              | 7.39  | 950622              | 10.14 | 600193              | 14.04 |
| 06 DDC44       | 255515              | 7.38  | 1.01059e            | 10.14 | 616008              | 14.04 |
| 07 DDC85       | 258141              | 7.38  | 1.03187e            | 10.14 | 631339              | 14.04 |
| 08 DDC94       | 230246              | 7.38  | 899085              | 10.14 | 541619              | 14.04 |
| 09 DDC95       | 210697              | 7.39  | 801499              | 10.15 | 571574              | 14.04 |
| 10 DDC97       | 234526              | 7.38  | 938182              | 10.14 | 580473              | 14.03 |
| 11 DDC98       | 244714              | 7.38  | 961262              | 10.14 | 587752              | 14.03 |
| 12 DDCD4       | 251021              | 7.38  | 954644              | 10.14 | 562803              | 14.03 |

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

EPA Sample No.: SSTD020329 Date Analyzed: Oct 3 2024 12:00AM

Lab File ID: BN034359.D Time Analyzed: 08:00

Instrument ID: BNA\_N GC Column: ZB-GR ID: 0.25 (mm)

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #  | IS3 (ANT)<br>AREA # | RT #  |
|----------------|---------------------|-------|---------------------|-------|---------------------|-------|
| 12 HOUR STD    | 261694              | 7.381 | 1.05847e+01         | 10.14 | 651084              | 14.04 |
| UPPER LIMIT    | 523388              | 7.881 | 2116940             | 10.64 | 1302168             | 14.54 |
| LOWER LIMIT    | 130847              | 6.881 | 529235              | 9.64  | 325542              | 13.54 |
| EPA SAMPLE NO. |                     |       |                     |       |                     |       |
| 01 SBLK489     | 298713              | 7.38  | 1.17123e            | 10.14 | 691992              | 14.03 |
| 02 DDCD7       | 220448              | 7.39  | 841672              | 10.14 | 531551              | 14.04 |
| 03 DDCD8       | 249512              | 7.38  | 962306              | 10.14 | 559070              | 14.03 |
| 04 DDCA2DL     | 215069              | 7.38  | 846726              | 10.14 | 508495              | 14.03 |
| 05 DDC20DL     | 212106              | 7.38  | 846282              | 10.14 | 512520              | 14.03 |
| 06 DDC21DL     | 242836              | 7.38  | 967342              | 10.14 | 590830              | 14.03 |
| 07 DDC22DL     | 222226              | 7.38  | 890644              | 10.14 | 542765              | 14.03 |
| 08 DDC23DL     | 226278              | 7.38  | 873186              | 10.14 | 553932              | 14.03 |
| 09 DDC24DL     | 217344              | 7.38  | 900127              | 10.14 | 574842              | 14.03 |
| 10 DDC24DL2    | 200320              | 7.38  | 788446              | 10.14 | 483668              | 14.03 |
| 11 DDC40DL     | 221708              | 7.38  | 886952              | 10.14 | 531612              | 14.03 |
| 12 DDC43DL     | 228627              | 7.38  | 924225              | 10.13 | 559374              | 14.03 |
| 13 DDC43DL2    | 217843              | 7.38  | 867713              | 10.14 | 531688              | 14.03 |

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

EPA Sample No.: SSTD020330 Date Analyzed: Oct 3 2024 12:00AM

Lab File ID: BN034373.D Time Analyzed: 17:13

Instrument ID: BNA\_N GC Column: ZB-GR ID: 0.25 (mm)

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|----------------|---------------------|-------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 189543              | 7.381 | 724611              | 10.13  | 423141              | 14.03  |
| UPPER LIMIT    | 379086              | 7.881 | 1449222             | 10.634 | 846282              | 14.534 |
| LOWER LIMIT    | 94771.5             | 6.881 | 362305.5            | 9.634  | 211570.5            | 13.534 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK635     | 178039              | 7.38  | 668265              | 10.13  | 376810              | 14.03  |
| 02 DDC95DL     | 227184              | 7.38  | 925441              | 10.14  | 608137              | 14.03  |
| 03 DDC95DL2    | 226554              | 7.38  | 912943              | 10.13  | 553124              | 14.03  |
| 04 DDCD7DL     | 230930              | 7.38  | 943261              | 10.13  | 584773              | 14.03  |
| 05 DDCD7DL2    | 141934              | 7.38  | 561480              | 10.13  | 352660              | 14.03  |
| 06 DDC85DL     | 222758              | 7.38  | 898096              | 10.13  | 574760              | 14.03  |
| 07 DDC94DL     | 255858              | 7.38  | 1.06286e            | 10.13  | 663532              | 14.03  |
| 08 DCYM7       | 207823              | 7.38  | 769046              | 10.13  | 442982              | 14.03  |
| 09 DCYM6       | 208805              | 7.38  | 792250              | 10.13  | 469846              | 14.03  |
| 10 DCYM8       | 201953              | 7.38  | 756310              | 10.13  | 434970              | 14.03  |
| 11 DCYM9       | 197324              | 7.38  | 736811              | 10.13  | 431091              | 14.03  |
| 12 DCYN2       | 212729              | 7.38  | 791134              | 10.13  | 482111              | 14.03  |
| 13 DCYN3       | 201109              | 7.38  | 754590              | 10.13  | 437048              | 14.03  |
| 14 SLCS635     | 227314              | 7.38  | 874608              | 10.13  | 530816              | 14.03  |

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

EPA Sample No.: SSTD020219 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 13:01

Instrument ID: BNA\_N GC Column: ZB-GR ID: 0.25 (mm)

|    |                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #  |
|----|----------------|---------------------|--------|---------------------|--------|---------------------|-------|
|    | 12 HOUR STD    | 1.22678e+0          | 16.898 | 1.2023e+0           | 21.127 | 1.43568e+0          | 23.91 |
|    | UPPER LIMIT    | 2453560             | 17.398 | 2404600             | 21.627 | 2871360             | 24.41 |
|    | LOWER LIMIT    | 613390              | 16.398 | 601150              | 20.627 | 717840              | 23.41 |
|    | EPA SAMPLE NO. |                     |        |                     |        |                     |       |
| 01 | SBLK456        | 1.12561             | 16.80  | 1.08728e+           | 21.03  | 1.34651e+           | 23.74 |
| 02 | DCVW4          | 1.23236             | 16.80  | 1.01165e+           | 21.03  | 1.20624e+           | 23.75 |
| 03 | DCVW5          | 999968              | 16.80  | 922372              | 21.03  | 1.14226e+           | 23.74 |
| 04 | DDC20          | 1.35802             | 16.80  | 1.30802e+           | 21.03  | 1.61426e+           | 23.75 |
| 05 | DDC21          | 1.31824             | 16.80  | 1.33436e+           | 21.03  | 1.62017e+           | 23.74 |
| 06 | DDC22          | 1.3408e             | 16.80  | 1.32669e+           | 21.03  | 1.60856e+           | 23.74 |
| 07 | DDC23          | 1.11316             | 16.83  | 1.13595e+           | 21.03  | 1.39598e+           | 23.75 |
| 08 | DDC23MS        | 1.06488             | 16.83  | 1.0678e+0           | 21.04  | 1.36006e+           | 23.75 |
| 09 | DDC23MSD       | 1.1354e             | 16.83  | 1.15079e+           | 21.04  | 1.3995e+0           | 23.75 |
| 10 | DDC24          | 1.25701             | 16.81  | 1.24015e+           | 21.03  | 1.50438e+           | 23.75 |
| 11 | DDC25          | 1.21668             | 16.80  | 1.15628e+           | 21.03  | 1.41443e+           | 23.74 |
| 12 | SLCS456        | 1.0716e             | 16.80  | 1.04572e+           | 21.03  | 1.28771e+           | 23.75 |
| 13 | SBLK513        | 1.20772             | 16.80  | 1.16775e+           | 21.03  | 1.41522e+           | 23.74 |
| 14 | DDCA9DL2       | 1.154e+             | 16.80  | 1.11336e+           | 21.03  | 1.34046e+           | 23.74 |
| 15 | DDCE6DL        | 992929              | 16.80  | 929722              | 21.03  | 1.16104e+           | 23.74 |
| 16 | DDC40          | 1.33428             | 16.80  | 1.36212e+           | 21.03  | 1.65585e+           | 23.74 |
| 17 | DDC43          | 1.21576             | 16.80  | 1.19121e+           | 21.03  | 1.50576e+           | 23.74 |
| 18 | DDC44          | 1.24188             | 16.80  | 1.21933e+           | 21.03  | 1.55042e+           | 23.74 |
| 19 | DDC85          | 1.30743             | 16.80  | 1.31552e+           | 21.03  | 1.64937e+           | 23.74 |
| 20 | DDC94          | 1.08893             | 16.80  | 1.05631e+           | 21.03  | 1.31075e+           | 23.74 |
| 21 | DDC95          | 1.13378             | 16.82  | 1.1137e+0           | 21.03  | 1.31725e+           | 23.75 |

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

EPA Sample No.: SSTD020219 Date Analyzed: Oct 3 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 04:44

Instrument ID: BNA\_N GC Column: ZB-GR ID: 0.25 (mm)

|    |                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #  |
|----|----------------|---------------------|--------|---------------------|--------|---------------------|-------|
|    | 12 HOUR STD    | 1.22678e+0          | 16.898 | 1.2023e+0           | 21.127 | 1.43568e+0          | 23.91 |
|    | UPPER LIMIT    | 2453560             | 17.398 | 2404600             | 21.627 | 2871360             | 24.41 |
|    | LOWER LIMIT    | 613390              | 16.398 | 601150              | 20.627 | 717840              | 23.41 |
|    | EPA SAMPLE NO. |                     |        |                     |        |                     |       |
| 22 | DDC97          | 1.18465             | 16.80  | 1.18561e+           | 21.03  | 1.49472e+           | 23.74 |
| 23 | DDC98          | 1.20285             | 16.79  | 1.21366e+           | 21.03  | 1.54159e+           | 23.74 |
| 24 | DDCD4          | 1.03267             | 16.79  | 966447              | 21.03  | 1.29305e+           | 23.74 |
| 25 | SBLK489        | 1.32745             | 16.79  | 1.30227e+           | 21.03  | 1.61773e+           | 23.74 |
| 26 | DDCD7          | 1.10014             | 16.80  | 1.09106e+           | 21.03  | 1.37276e+           | 23.74 |
| 27 | DDCD8          | 1.08372             | 16.80  | 1.08724e+           | 21.03  | 1.34151e+           | 23.74 |
| 28 | DDCA2DL        | 1.01568             | 16.79  | 1.02428e+           | 21.03  | 1.27806e+           | 23.74 |
| 29 | DDC20DL        | 1.05927             | 16.79  | 1.05051e+           | 21.03  | 1.27757e+           | 23.74 |
| 30 | DDC21DL        | 1.22965             | 16.79  | 1.30475e+           | 21.03  | 1.58236e+           | 23.74 |
| 31 | DDC22DL        | 1.10601             | 16.79  | 1.14119e+           | 21.03  | 1.34e+006           | 23.74 |
| 32 | DDC23DL        | 1.16016             | 16.80  | 1.11971e+           | 21.03  | 1.39986e+           | 23.74 |
| 33 | DDC24DL        | 1.20295             | 16.80  | 1.24295e+           | 21.03  | 1.56147e+           | 23.74 |
| 34 | DDC24DL2       | 990966              | 16.79  | 1.00887e+           | 21.03  | 1.28646e+           | 23.74 |
| 35 | DDC40DL        | 1.04058             | 16.79  | 1.04831e+           | 21.03  | 1.34468e+           | 23.74 |
| 36 | DDC43DL        | 1.07972             | 16.79  | 1.03868e+           | 21.03  | 1.37945e+           | 23.74 |
| 37 | DDC43DL2       | 1.08394             | 16.79  | 1.1001e+0           | 21.03  | 1.40857e+           | 23.74 |
| 38 | SBLK635        | 726428              | 16.79  | 717667              | 21.03  | 883546              | 23.74 |
| 39 | DDC95DL        | 1.30379             | 16.80  | 1.37416e+           | 21.03  | 1.68989e+           | 23.74 |
| 40 | DDC95DL2       | 1.08492             | 16.79  | 1.06598e+           | 21.03  | 1.31168e+           | 23.74 |
| 41 | DDCD7DL        | 1.18885             | 16.79  | 1.17359e+           | 21.03  | 1.44507e+           | 23.74 |
| 42 | DDCD7DL2       | 722347              | 16.79  | 750891              | 21.03  | 906625              | 23.73 |

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

EPA Sample No.: SSTD020219 Date Analyzed: Oct 3 2024 12:00AM

Lab File ID: BN033847.D Time Analyzed: 20:29

Instrument ID: BNA\_N GC Column: ZB-GR ID: 0.25 (mm)

|                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #  |
|----------------|---------------------|--------|---------------------|--------|---------------------|-------|
| 12 HOUR STD    | 1.22678e+0          | 16.898 | 1.2023e+0           | 21.127 | 1.43568e+0          | 23.91 |
| UPPER LIMIT    | 2453560             | 17.398 | 2404600             | 21.627 | 2871360             | 24.41 |
| LOWER LIMIT    | 613390              | 16.398 | 601150              | 20.627 | 717840              | 23.41 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |       |
| 43 DDC85DL     | 1.20845             | 16.79  | 1.17712e+           | 21.03  | 1.47705e+           | 23.73 |
| 44 DDC94DL     | 1.39131             | 16.79  | 1.49718e+           | 21.03  | 1.81851e+           | 23.73 |
| 45 DCYM7       | 867622              | 16.79  | 857851              | 21.03  | 1.0667e+0           | 23.73 |
| 46 DCYM6       | 955644              | 16.79  | 987830              | 21.03  | 1.21194e+           | 23.73 |
| 47 DCYM8       | 818766              | 16.79  | 822192              | 21.03  | 1.05469e+           | 23.73 |
| 48 DCYM9       | 866261              | 16.79  | 902396              | 21.03  | 1.12387e+           | 23.73 |
| 49 DCYN2       | 970978              | 16.79  | 1.00646e+           | 21.02  | 1.26132e+           | 23.73 |
| 50 DCYN3       | 851233              | 16.79  | 897868              | 21.02  | 1.1225e+0           | 23.73 |
| 51 SLCS635     | 1.01812             | 16.79  | 967509              | 21.03  | 1.22042e+           | 23.73 |

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

EPA Sample No.: SSTD020327 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BN034333.D Time Analyzed: 13:01

Instrument ID: BNA\_N GC Column: ZB-GR ID: 0.25 (mm)

|                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 1.05561e+01         | 16.798 | 1.06546e+01         | 21.033 | 1.32416e+01         | 23.745 |
| UPPER LIMIT    | 2111220             | 17.298 | 2130920             | 21.533 | 2648320             | 24.245 |
| LOWER LIMIT    | 527805              | 16.298 | 532730              | 20.533 | 662080              | 23.245 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 SBLK456     | 1.12561             | 16.80  | 1.08728e+01         | 21.03  | 1.34651e+01         | 23.74  |
| 02 DCVW4       | 1.23236             | 16.80  | 1.01165e+01         | 21.03  | 1.20624e+01         | 23.75  |
| 03 DCVW5       | 999968              | 16.80  | 922372              | 21.03  | 1.14226e+01         | 23.74  |
| 04 DDC20       | 1.35802             | 16.80  | 1.30802e+01         | 21.03  | 1.61426e+01         | 23.75  |
| 05 DDC21       | 1.31824             | 16.80  | 1.33436e+01         | 21.03  | 1.62017e+01         | 23.74  |
| 06 DDC22       | 1.3408e             | 16.80  | 1.32669e+01         | 21.03  | 1.60856e+01         | 23.74  |
| 07 DDC23       | 1.11316             | 16.83  | 1.13595e+01         | 21.03  | 1.39598e+01         | 23.75  |
| 08 DDC23MS     | 1.06488             | 16.83  | 1.0678e+01          | 21.04  | 1.36006e+01         | 23.75  |
| 09 DDC23MSD    | 1.1354e             | 16.83  | 1.15079e+01         | 21.04  | 1.3995e+01          | 23.75  |
| 10 DDC24       | 1.25701             | 16.81  | 1.24015e+01         | 21.03  | 1.50438e+01         | 23.75  |
| 11 DDC25       | 1.21668             | 16.80  | 1.15628e+01         | 21.03  | 1.41443e+01         | 23.74  |
| 12 SLCS456     | 1.0716e             | 16.80  | 1.04572e+01         | 21.03  | 1.28771e+01         | 23.75  |

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

EPA Sample No.: SSTD020328 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BN034346.D Time Analyzed: 22:50

Instrument ID: BNA\_N GC Column: ZB-GR ID: 0.25 (mm)

|                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 1.11804e+01         | 16.798 | 1.01807e+01         | 21.033 | 1.22202e+01         | 23.745 |
| UPPER LIMIT    | 2236080             | 17.298 | 2036140             | 21.533 | 2444040             | 24.245 |
| LOWER LIMIT    | 559020              | 16.298 | 509035              | 20.533 | 611010              | 23.245 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 SBLK513     | 1.20772             | 16.80  | 1.16775e+01         | 21.03  | 1.41522e+01         | 23.74  |
| 02 DDCA9DL2    | 1.154e+01           | 16.80  | 1.11336e+01         | 21.03  | 1.34046e+01         | 23.74  |
| 03 DDCE6DL     | 992929              | 16.80  | 929722              | 21.03  | 1.16104e+01         | 23.74  |
| 04 DDC40       | 1.33428             | 16.80  | 1.36212e+01         | 21.03  | 1.65585e+01         | 23.74  |
| 05 DDC43       | 1.21576             | 16.80  | 1.19121e+01         | 21.03  | 1.50576e+01         | 23.74  |
| 06 DDC44       | 1.24188             | 16.80  | 1.21933e+01         | 21.03  | 1.55042e+01         | 23.74  |
| 07 DDC85       | 1.30743             | 16.80  | 1.31552e+01         | 21.03  | 1.64937e+01         | 23.74  |
| 08 DDC94       | 1.08893             | 16.80  | 1.05631e+01         | 21.03  | 1.31075e+01         | 23.74  |
| 09 DDC95       | 1.13378             | 16.82  | 1.1137e+01          | 21.03  | 1.31725e+01         | 23.75  |
| 10 DDC97       | 1.18465             | 16.80  | 1.18561e+01         | 21.03  | 1.49472e+01         | 23.74  |
| 11 DDC98       | 1.20285             | 16.79  | 1.21366e+01         | 21.03  | 1.54159e+01         | 23.74  |
| 12 DD CD4      | 1.03267             | 16.79  | 966447              | 21.03  | 1.29305e+01         | 23.74  |

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

EPA Sample No.: SSTD020329 Date Analyzed: Oct 3 2024 12:00AM

Lab File ID: BN034359.D Time Analyzed: 08:00

Instrument ID: BNA\_N GC Column: ZB-GR ID: 0.25 (mm)

|                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 1.35961e+01         | 16.792 | 1.35414e+01         | 21.028 | 1.67066e+01         | 23.739 |
| UPPER LIMIT    | 2719220             | 17.292 | 2708280             | 21.528 | 3341320             | 24.239 |
| LOWER LIMIT    | 679805              | 16.292 | 677070              | 20.528 | 835330              | 23.239 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 SBLK489     | 1.32745             | 16.79  | 1.30227e+01         | 21.03  | 1.61773e+01         | 23.74  |
| 02 DDCD7       | 1.10014             | 16.80  | 1.09106e+01         | 21.03  | 1.37276e+01         | 23.74  |
| 03 DDCD8       | 1.08372             | 16.80  | 1.08724e+01         | 21.03  | 1.34151e+01         | 23.74  |
| 04 DDCA2DL     | 1.01568             | 16.79  | 1.02428e+01         | 21.03  | 1.27806e+01         | 23.74  |
| 05 DDC20DL     | 1.05927             | 16.79  | 1.05051e+01         | 21.03  | 1.27757e+01         | 23.74  |
| 06 DDC21DL     | 1.22965             | 16.79  | 1.30475e+01         | 21.03  | 1.58236e+01         | 23.74  |
| 07 DDC22DL     | 1.10601             | 16.79  | 1.14119e+01         | 21.03  | 1.34e+006           | 23.74  |
| 08 DDC23DL     | 1.16016             | 16.80  | 1.11971e+01         | 21.03  | 1.39986e+01         | 23.74  |
| 09 DDC24DL     | 1.20295             | 16.80  | 1.24295e+01         | 21.03  | 1.56147e+01         | 23.74  |
| 10 DDC24DL2    | 990966              | 16.79  | 1.00887e+01         | 21.03  | 1.28646e+01         | 23.74  |
| 11 DDC40DL     | 1.04058             | 16.79  | 1.04831e+01         | 21.03  | 1.34468e+01         | 23.74  |
| 12 DDC43DL     | 1.07972             | 16.79  | 1.03868e+01         | 21.03  | 1.37945e+01         | 23.74  |
| 13 DDC43DL2    | 1.08394             | 16.79  | 1.1001e+01          | 21.03  | 1.40857e+01         | 23.74  |

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100224 SAS No.: BN100224 SDG NO.: BN100224

EPA Sample No.: SSTD020330 Date Analyzed: Oct 3 2024 12:00AM

Lab File ID: BN034373.D Time Analyzed: 17:13

Instrument ID: BNA\_N GC Column: ZB-GR ID: 0.25 (mm)

|                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 839434              | 16.792 | 839958              | 21.033 | 1.07622e+01         | 23.745 |
| UPPER LIMIT    | 1678868             | 17.292 | 1679916             | 21.533 | 2152440             | 24.245 |
| LOWER LIMIT    | 419717              | 16.292 | 419979              | 20.533 | 538110              | 23.245 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 SBLK635     | 726428              | 16.79  | 717667              | 21.03  | 883546              | 23.74  |
| 02 DDC95DL     | 1.30379             | 16.80  | 1.37416e+           | 21.03  | 1.68989e+           | 23.74  |
| 03 DDC95DL2    | 1.08492             | 16.79  | 1.06598e+           | 21.03  | 1.31168e+           | 23.74  |
| 04 DDCD7DL     | 1.18885             | 16.79  | 1.17359e+           | 21.03  | 1.44507e+           | 23.74  |
| 05 DDCD7DL2    | 722347              | 16.79  | 750891              | 21.03  | 906625              | 23.73  |
| 06 DDC85DL     | 1.20845             | 16.79  | 1.17712e+           | 21.03  | 1.47705e+           | 23.73  |
| 07 DDC94DL     | 1.39131             | 16.79  | 1.49718e+           | 21.03  | 1.81851e+           | 23.73  |
| 08 DCYM7       | 867622              | 16.79  | 857851              | 21.03  | 1.0667e+0           | 23.73  |
| 09 DCYM6       | 955644              | 16.79  | 987830              | 21.03  | 1.21194e+           | 23.73  |
| 10 DCYM8       | 818766              | 16.79  | 822192              | 21.03  | 1.05469e+           | 23.73  |
| 11 DCYM9       | 866261              | 16.79  | 902396              | 21.03  | 1.12387e+           | 23.73  |
| 12 DCYN2       | 970978              | 16.79  | 1.00646e+           | 21.02  | 1.26132e+           | 23.73  |
| 13 DCYN3       | 851233              | 16.79  | 897868              | 21.02  | 1.1225e+0           | 23.73  |
| 14 SLCS635     | 1.01812             | 16.79  | 967509              | 21.03  | 1.22042e+           | 23.73  |

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN100224

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

DataFile: \_\_\_\_\_

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                             |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB163456BS    | 1,4-Dioxane                 | 530   | 290    | ug/Kg | 55  |     |      |      | 0   | 0      |  |     |
|               | Benzaldehyde                | 1300  | 740    | ug/Kg | 57  |     |      |      | 0   | 0      |  |     |
|               | Pyridine                    | 1300  | 650    | ug/Kg | 50  |     |      |      | 0   | 0      |  |     |
|               | Phenol                      | 1300  | 680    | ug/Kg | 52  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethyl)ether     | 1300  | 700    | ug/Kg | 54  |     |      |      | 0   | 0      |  |     |
|               | 2-Chlorophenol              | 1300  | 770    | ug/Kg | 59  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylphenol              | 1300  | 680    | ug/Kg | 52  |     |      |      | 0   | 0      |  |     |
|               | 2,2-oxybis(1-Chloropropane) | 1300  | 610    | ug/Kg | 47  |     |      |      | 0   | 0      |  |     |
|               | Acetophenone                | 1300  | 660    | ug/Kg | 51  |     |      |      | 0   | 0      |  |     |
|               | 4-Methylphenol              | 1300  | 670    | ug/Kg | 52  |     |      |      | 0   | 0      |  |     |
|               | N-Nitroso-di-n-propylamine  | 1300  | 620    | ug/Kg | 48  |     |      |      | 0   | 0      |  |     |
|               | Hexachloroethane            | 1300  | 740    | ug/Kg | 57  |     |      |      | 0   | 0      |  |     |
|               | Nitrobenzene                | 1300  | 690    | ug/Kg | 53  |     |      |      | 0   | 0      |  |     |
|               | Isophorone                  | 1300  | 690    | ug/Kg | 53  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitrophenol               | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dimethylphenol          | 1300  | 610    | ug/Kg | 47  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethoxy)methane  | 1300  | 720    | ug/Kg | 55  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dichlorophenol          | 1300  | 820    | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | Naphthalene                 | 1300  | 780    | ug/Kg | 60  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloroaniline             | 1300  | 650    | ug/Kg | 50  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobutadiene         | 1300  | 840    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Caprolactam                 | 1300  | 640    | ug/Kg | 49  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloro-3-methylphenol     | 1300  | 670    | ug/Kg | 52  |     |      |      | 0   | 0      |  |     |
|               | 1-Methylnaphthalene         | 1300  | 740    | ug/Kg | 57  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylnaphthalene         | 1300  | 750    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorocyclopentadiene   | 1300  | 660    | ug/Kg | 51  |     |      |      | 0   | 0      |  |     |
|               | 2,4,6-Trichlorophenol       | 1300  | 810    | ug/Kg | 62  |     |      |      | 0   | 0      |  |     |
|               | 2,4,5-Trichlorophenol       | 1300  | 820    | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | 1,1'-Biphenyl               | 1300  | 760    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | 2-Chloronaphthalene         | 1300  | 790    | ug/Kg | 61  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitroaniline              | 1300  | 600    | ug/Kg | 46  |     |      |      | 0   | 0      |  |     |
|               | Dimethylphthalate           | 1300  | 720    | ug/Kg | 55  |     |      |      | 0   | 0      |  |     |
|               | 2,6-Dinitrotoluene          | 1300  | 750    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthylene              | 1300  | 770    | ug/Kg | 59  |     |      |      | 0   | 0      |  |     |
|               | 3-Nitroaniline              | 1300  | 690    | ug/Kg | 53  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthene                | 1300  | 740    | ug/Kg | 57  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrophenol           | 1300  | 610    | ug/Kg | 47  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitrophenol               | 1300  | 540    | ug/Kg | 42  |     |      |      | 0   | 0      |  |     |
|               | Dibenzofuran                | 1300  | 740    | ug/Kg | 57  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrotoluene          | 1300  | 730    | ug/Kg | 56  |     |      |      | 0   | 0      |  |     |
|               | Diethylphthalate            | 1300  | 690    | ug/Kg | 53  |     |      |      | 0   | 0      |  |     |
|               | Fluorene                    | 1300  | 740    | ug/Kg | 57  |     |      |      | 0   | 0      |  |     |
|               | 4-Chlorophenyl-phenylether  | 1300  | 760    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitroaniline              | 1300  | 710    | ug/Kg | 55  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN100224

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

DataFile: \_\_\_\_\_

| Lab Sample ID | Parameter                  | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB163456BS    | 4,6-Dinitro-2-methylphenol | 1300  | 740    | ug/Kg | 57  |     |      |      | 0   | 0      |  |     |
|               | N-Nitrosodiphenylamine     | 1300  | 780    | ug/Kg | 60  |     |      |      | 0   | 0      |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | 4-Bromophenyl-phenylether  | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobenzene          | 1300  | 840    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Atrazine                   | 1300  | 680    | ug/Kg | 52  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorophenol          | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | Phenanthrene               | 1300  | 770    | ug/Kg | 59  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorobenzene         | 1300  | 810    | ug/Kg | 62  |     |      |      | 0   | 0      |  |     |
|               | Anthracene                 | 1300  | 760    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | 1,2,3,4-Tetrachlorobenzene | 1300  | 850    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Carbazole                  | 1300  | 760    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | Di-n-butylphthalate        | 1300  | 730    | ug/Kg | 56  |     |      |      | 0   | 0      |  |     |
|               | Fluoranthene               | 1300  | 770    | ug/Kg | 59  |     |      |      | 0   | 0      |  |     |
|               | Pyrene                     | 1300  | 760    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | Butylbenzylphthalate       | 1300  | 720    | ug/Kg | 55  |     |      |      | 0   | 0      |  |     |
|               | 3,3'-Dichlorobenzidine     | 1300  | 790    | ug/Kg | 61  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)anthracene         | 1300  | 760    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | Chrysene                   | 1300  | 750    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-ethylhexyl)phthalate | 1300  | 770    | ug/Kg | 59  |     |      |      | 0   | 0      |  |     |
|               | Di-n-octylphthalate        | 1300  | 740    | ug/Kg | 57  |     |      |      | 0   | 0      |  |     |
|               | Benzo(b)fluoranthene       | 1300  | 760    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | Benzo(k)fluoranthene       | 1300  | 790    | ug/Kg | 61  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)pyrene             | 1300  | 770    | ug/Kg | 59  |     |      |      | 0   | 0      |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | Dibenzo(a,h)anthracene     | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | Benzo(g,h,i)perylene       | 1300  | 840    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 1300  | 800    | ug/Kg | 62  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN100224

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

DataFile: \_\_\_\_\_

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                             |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB163635BS    | 1,4-Dioxane                 | 530   | 320    | ug/Kg | 60  |     |      |      | 0   | 0      |  |     |
|               | Benzaldehyde                | 1300  | 710    | ug/Kg | 55  |     |      |      | 0   | 0      |  |     |
|               | Pyridine                    | 1300  | 670    | ug/Kg | 52  |     |      |      | 0   | 0      |  |     |
|               | Phenol                      | 1300  | 700    | ug/Kg | 54  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethyl)ether     | 1300  | 750    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | 2-Chlorophenol              | 1300  | 810    | ug/Kg | 62  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylphenol              | 1300  | 700    | ug/Kg | 54  |     |      |      | 0   | 0      |  |     |
|               | 2,2-oxybis(1-Chloropropane) | 1300  | 660    | ug/Kg | 51  |     |      |      | 0   | 0      |  |     |
|               | Acetophenone                | 1300  | 670    | ug/Kg | 52  |     |      |      | 0   | 0      |  |     |
|               | 4-Methylphenol              | 1300  | 690    | ug/Kg | 53  |     |      |      | 0   | 0      |  |     |
|               | N-Nitroso-di-n-propylamine  | 1300  | 640    | ug/Kg | 49  |     |      |      | 0   | 0      |  |     |
|               | Hexachloroethane            | 1300  | 810    | ug/Kg | 62  |     |      |      | 0   | 0      |  |     |
|               | Nitrobenzene                | 1300  | 760    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | Isophorone                  | 1300  | 710    | ug/Kg | 55  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitrophenol               | 1300  | 880    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dimethylphenol          | 1300  | 610    | ug/Kg | 47  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethoxy)methane  | 1300  | 770    | ug/Kg | 59  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dichlorophenol          | 1300  | 850    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Naphthalene                 | 1300  | 820    | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloroaniline             | 1300  | 620    | ug/Kg | 48  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobutadiene         | 1300  | 900    | ug/Kg | 69  |     |      |      | 0   | 0      |  |     |
|               | Caprolactam                 | 1300  | 590    | ug/Kg | 45  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloro-3-methylphenol     | 1300  | 710    | ug/Kg | 55  |     |      |      | 0   | 0      |  |     |
|               | 1-Methylnaphthalene         | 1300  | 790    | ug/Kg | 61  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylnaphthalene         | 1300  | 790    | ug/Kg | 61  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorocyclopentadiene   | 1300  | 730    | ug/Kg | 56  |     |      |      | 0   | 0      |  |     |
|               | 2,4,6-Trichlorophenol       | 1300  | 850    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | 2,4,5-Trichlorophenol       | 1300  | 850    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | 1,1'-Biphenyl               | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | 2-Chloronaphthalene         | 1300  | 840    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitroaniline              | 1300  | 680    | ug/Kg | 52  |     |      |      | 0   | 0      |  |     |
|               | Dimethylphthalate           | 1300  | 780    | ug/Kg | 60  |     |      |      | 0   | 0      |  |     |
|               | 2,6-Dinitrotoluene          | 1300  | 820    | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthylene              | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | 3-Nitroaniline              | 1300  | 730    | ug/Kg | 56  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthene                | 1300  | 790    | ug/Kg | 61  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrophenol           | 1300  | 610    | ug/Kg | 47  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitrophenol               | 1300  | 600    | ug/Kg | 46  |     |      |      | 0   | 0      |  |     |
|               | Dibenzofuran                | 1300  | 800    | ug/Kg | 62  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrotoluene          | 1300  | 790    | ug/Kg | 61  |     |      |      | 0   | 0      |  |     |
|               | Diethylphthalate            | 1300  | 730    | ug/Kg | 56  |     |      |      | 0   | 0      |  |     |
|               | Fluorene                    | 1300  | 790    | ug/Kg | 61  |     |      |      | 0   | 0      |  |     |
|               | 4-Chlorophenyl-phenylether  | 1300  | 790    | ug/Kg | 61  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitroaniline              | 1300  | 730    | ug/Kg | 56  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN100224

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

DataFile: \_\_\_\_\_

| Lab Sample ID | Parameter                  | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB163635BS    | 4,6-Dinitro-2-methylphenol | 1300  | 790    | ug/Kg | 61  |     |      |      | 0   | 0      |  |     |
|               | N-Nitrosodiphenylamine     | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 1300  | 930    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | 4-Bromophenyl-phenylether  | 1300  | 930    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobenzene          | 1300  | 940    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | Atrazine                   | 1300  | 660    | ug/Kg | 51  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorophenol          | 1300  | 820    | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | Phenanthrene               | 1300  | 840    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorobenzene         | 1300  | 910    | ug/Kg | 70  |     |      |      | 0   | 0      |  |     |
|               | Anthracene                 | 1300  | 820    | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | 1,2,3,4-Tetrachlorobenzene | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | Carbazole                  | 1300  | 820    | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | Di-n-butylphthalate        | 1300  | 780    | ug/Kg | 60  |     |      |      | 0   | 0      |  |     |
|               | Fluoranthene               | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | Pyrene                     | 1300  | 850    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Butylbenzylphthalate       | 1300  | 750    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | 3,3'-Dichlorobenzidine     | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)anthracene         | 1300  | 820    | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | Chrysene                   | 1300  | 840    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-ethylhexyl)phthalate | 1300  | 770    | ug/Kg | 59  |     |      |      | 0   | 0      |  |     |
|               | Di-n-octylphthalate        | 1300  | 710    | ug/Kg | 55  |     |      |      | 0   | 0      |  |     |
|               | Benzo(b)fluoranthene       | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | Benzo(k)fluoranthene       | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)pyrene             | 1300  | 800    | ug/Kg | 62  |     |      |      | 0   | 0      |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 1300  | 900    | ug/Kg | 69  |     |      |      | 0   | 0      |  |     |
|               | Dibenzo(a,h)anthracene     | 1300  | 920    | ug/Kg | 71  |     |      |      | 0   | 0      |  |     |
|               | Benzo(g,h,i)perylene       | 1300  | 930    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 1300  | 840    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK456

Lab Name: CHEMTECH

Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BN100224

SAS No.: BN100224 SDG NO.: BN100224

Lab File ID: BN034334.D

Lab Sample ID: PB163456BL

Instrument ID: BNA\_N

Date Extracted: 09/17/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/02/2024

Level: (low/med) LOW

Time Analyzed: 13:01

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| DCVW4             | P4016-13         | BN034335.D     | 10/02/2024       |
| DCVW5             | P4016-14         | BN034336.D     | 10/02/2024       |
| DDC20             | P4016-15         | BN034337.D     | 10/02/2024       |
| DDC21             | P4016-16         | BN034338.D     | 10/02/2024       |
| DDC22             | P4016-17         | BN034339.D     | 10/02/2024       |
| DDC23             | P4016-18         | BN034340.D     | 10/02/2024       |
| DDC23MS           | P4016-19MS       | BN034341.D     | 10/02/2024       |
| DDC23MSD          | P4016-20MSD      | BN034342.D     | 10/02/2024       |
| DDC24             | P4016-21         | BN034343.D     | 10/02/2024       |
| DDC25             | P4016-22         | BN034344.D     | 10/02/2024       |
| PB163456BS        | PB163456BS       | BN034345.D     | 10/02/2024       |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK489

Lab Name: CHEMTECH

Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BN100224

SAS No.: BN100224 SDG NO.: BN100224

Lab File ID: BN034360.D

Lab Sample ID: PB163489BL

Instrument ID: BNA\_N

Date Extracted: 09/18/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/03/2024

Level: (low/med) LOW

Time Analyzed: 08:00

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| DDCD7             | P4017-21         | BN034361.D     | 10/03/2024       |
| DDCD8             | P4017-22         | BN034362.D     | 10/03/2024       |
| DDC40             | P4017-01         | BN034350.D     | 10/03/2024       |
| DDC43             | P4017-04         | BN034351.D     | 10/03/2024       |
| DDC44             | P4017-05         | BN034352.D     | 10/03/2024       |
| DDC85             | P4017-10         | BN034353.D     | 10/03/2024       |
| DDC94             | P4017-12         | BN034354.D     | 10/03/2024       |
| DDC95             | P4017-13         | BN034355.D     | 10/03/2024       |
| DDC97             | P4017-15         | BN034356.D     | 10/03/2024       |
| DDC98             | P4017-16         | BN034357.D     | 10/03/2024       |
| DDCD4             | P4017-18         | BN034358.D     | 10/03/2024       |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK513

Lab Name: CHEMTECH

Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BN100224

SAS No.: BN100224 SDG NO.: BN100224

Lab File ID: BN034347.D

Lab Sample ID: PB163513BL

Instrument ID: BNA\_N

Date Extracted: 09/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/02/2024

Level: (low/med) LOW

Time Analyzed: 22:50

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
|                   |                  |                |                  |

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK635

Lab Name: CHEMTECH

Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BN100224

SAS No.: BN100224 SDG NO.: BN100224

Lab File ID: BN034374.D

Lab Sample ID: PB163635BL

Instrument ID: BNA\_N

Date Extracted: 09/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/03/2024

Level: (low/med) LOW

Time Analyzed: 17:13

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| DCYM7             | P4084-09         | BN034381.D     | 10/03/2024       |
| DCYM6             | P4084-08         | BN034382.D     | 10/03/2024       |
| DCYM8             | P4084-10         | BN034383.D     | 10/03/2024       |
| DCYM9             | P4084-11         | BN034384.D     | 10/03/2024       |
| DCYN2             | P4084-14         | BN034385.D     | 10/04/2024       |
| DCYN3             | P4084-15         | BN034386.D     | 10/04/2024       |
| PB163635BS        | PB163635BS       | BN034387.D     | 10/04/2024       |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BN100224

**Client:** \_\_\_\_\_

**Analytical Method:** SFAM\_SVOC

| Parameter                   | Spike             | Sample Result            | Result         | Units | Rec | Rec Qual | RPD | RPD Qual         | Low               | Limits High | RPD |
|-----------------------------|-------------------|--------------------------|----------------|-------|-----|----------|-----|------------------|-------------------|-------------|-----|
| <b>Lab Sample ID:</b>       | <b>P4016-19MS</b> | <b>Client Sample ID:</b> | <b>DDC23MS</b> |       |     |          |     | <b>DataFile:</b> | <b>BN034341.D</b> |             |     |
| 1,4-Dioxane                 | 650               |                          | 540            | ug/Kg | 83  |          |     |                  | 15                | 120         |     |
| Benzaldehyde                | 1600              |                          | 2500           | ug/Kg | 156 |          |     |                  | 0                 | 0           |     |
| Pyridine                    | 1600              |                          | 1200           | ug/Kg | 75  |          |     |                  | 0                 | 0           |     |
| Phenol                      | 1600              |                          | 1100           | ug/Kg | 69  |          |     |                  | 26                | 90          |     |
| Bis(2-chloroethyl)ether     | 1600              |                          | 1100           | ug/Kg | 69  |          |     |                  | 0                 | 0           |     |
| 2-Chlorophenol              | 1600              |                          | 1300           | ug/Kg | 81  |          |     |                  | 25                | 102         |     |
| 2-Methylphenol              | 1600              |                          | 1100           | ug/Kg | 69  |          |     |                  | 0                 | 0           |     |
| 2,2-oxybis(1-Chloropropane) | 1600              |                          | 870            | ug/Kg | 54  |          |     |                  | 0                 | 0           |     |
| Acetophenone                | 1600              |                          | 7500           | ug/Kg | 469 |          |     |                  | 0                 | 0           |     |
| 4-Methylphenol              | 1600              |                          | 960            | ug/Kg | 60  |          |     |                  | 0                 | 0           |     |
| N-Nitroso-di-n-propylamine  | 1600              |                          | 1200           | ug/Kg | 75  |          |     |                  | 41                | 126         |     |
| Hexachloroethane            | 1600              |                          | 1300           | ug/Kg | 81  |          |     |                  | 0                 | 0           |     |
| Nitrobenzene                | 1600              |                          | 1400           | ug/Kg | 88  |          |     |                  | 0                 | 0           |     |
| Isophorone                  | 1600              |                          | 1900           | ug/Kg | 119 |          |     |                  | 0                 | 0           |     |
| 2-Nitrophenol               | 1600              |                          | 1600           | ug/Kg | 100 |          |     |                  | 0                 | 0           |     |
| 2,4-Dimethylphenol          | 1600              |                          | 1300           | ug/Kg | 81  |          |     |                  | 0                 | 0           |     |
| Bis(2-chloroethoxy)methane  | 1600              |                          | 1400           | ug/Kg | 88  |          |     |                  | 0                 | 0           |     |
| 2,4-Dichlorophenol          | 1600              |                          | 1700           | ug/Kg | 106 |          |     |                  | 0                 | 0           |     |
| Naphthalene                 | 1600              | 2200                     | 3200           | ug/Kg | 63  |          |     |                  | 0                 | 0           |     |
| 4-Chloroaniline             | 1600              |                          | 360            | ug/Kg | 23  |          |     |                  | 0                 | 0           |     |
| Hexachlorobutadiene         | 1600              |                          | 1600           | ug/Kg | 100 |          |     |                  | 0                 | 0           |     |
| Caprolactam                 | 1600              |                          | 820            | ug/Kg | 51  |          |     |                  | 0                 | 0           |     |
| 4-Chloro-3-methylphenol     | 1600              |                          | 1200           | ug/Kg | 75  |          |     |                  | 26                | 103         |     |
| 1-Methylnaphthalene         | 1600              | 3200                     | 4200           | ug/Kg | 63  |          |     |                  | 0                 | 0           |     |
| 2-Methylnaphthalene         | 1600              | 5400                     | 6000           | ug/Kg | 38  |          |     |                  | 0                 | 0           |     |
| Hexachlorocyclopentadiene   | 1600              |                          | 1200           | ug/Kg | 75  |          |     |                  | 0                 | 0           |     |
| 2,4,6-Trichlorophenol       | 1600              | 190                      | 1400           | ug/Kg | 76  |          |     |                  | 0                 | 0           |     |
| 2,4,5-Trichlorophenol       | 1600              | 480                      | 1700           | ug/Kg | 76  |          |     |                  | 0                 | 0           |     |
| 1,1'-Biphenyl               | 1600              | 450                      | 1500           | ug/Kg | 66  |          |     |                  | 0                 | 0           |     |
| 2-Chloronaphthalene         | 1600              |                          | 940            | ug/Kg | 59  |          |     |                  | 0                 | 0           |     |
| 2-Nitroaniline              | 1600              |                          | 1100           | ug/Kg | 69  |          |     |                  | 0                 | 0           |     |
| Dimethylphthalate           | 1600              |                          | 1000           | ug/Kg | 63  |          |     |                  | 0                 | 0           |     |
| 2,6-Dinitrotoluene          | 1600              |                          | 1400           | ug/Kg | 88  |          |     |                  | 0                 | 0           |     |
| Acenaphthylene              | 1600              |                          | 1200           | ug/Kg | 75  |          |     |                  | 0                 | 0           |     |
| 3-Nitroaniline              | 1600              |                          | 640            | ug/Kg | 40  |          |     |                  | 0                 | 0           |     |
| Acenaphthene                | 1600              | 150                      | 1200           | ug/Kg | 66  |          |     |                  | 31                | 137         |     |
| 2,4-Dinitrophenol           | 1600              |                          | 1200           | ug/Kg | 75  |          |     |                  | 0                 | 0           |     |
| 4-Nitrophenol               | 1600              |                          | 1500           | ug/Kg | 94  |          |     |                  | 11                | 114         |     |
| Dibenzofuran                | 1600              |                          | 1100           | ug/Kg | 69  |          |     |                  | 0                 | 0           |     |
| 2,4-Dinitrotoluene          | 1600              |                          | 1100           | ug/Kg | 69  |          |     |                  | 28                | 89          |     |
| Diethylphthalate            | 1600              |                          | 1000           | ug/Kg | 63  |          |     |                  | 0                 | 0           |     |
| Fluorene                    | 1600              | 320                      | 1300           | ug/Kg | 61  |          |     |                  | 0                 | 0           |     |
| 4-Chlorophenyl-phenylether  | 1600              |                          | 1100           | ug/Kg | 69  |          |     |                  | 0                 | 0           |     |
| 4-Nitroaniline              | 1600              |                          | 730            | ug/Kg | 46  |          |     |                  | 0                 | 0           |     |
| 4,6-Dinitro-2-methylphenol  | 1600              |                          | 4800           | ug/Kg | 300 |          |     |                  | 0                 | 0           |     |
| N-Nitrosodiphenylamine      | 1600              |                          | 1600           | ug/Kg | 100 |          |     |                  | 0                 | 0           |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BN100224

**Client:** \_\_\_\_\_

**Analytical Method:** SFAM\_SVOC

| Parameter                  | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|----------------------------|-------|---------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| 1,2,4,5-Tetrachlorobenzene | 1600  |               | 1300   | ug/Kg | 81  |          |     |          | 0   | 0           |     |
| 4-Bromophenyl-phenylether  | 1600  |               | 1300   | ug/Kg | 81  |          |     |          | 0   | 0           |     |
| Hexachlorobenzene          | 1600  |               | 1400   | ug/Kg | 88  |          |     |          | 0   | 0           |     |
| Atrazine                   | 1600  |               | 940    | ug/Kg | 59  |          |     |          | 0   | 0           |     |
| Pentachlorophenol          | 1600  | 100000        | 100000 | ug/Kg | 0   | *        |     |          | 17  | 109         |     |
| Phenanthrene               | 1600  | 840           | 1900   | ug/Kg | 66  |          |     |          | 0   | 0           |     |
| Pentachlorobenzene         | 1600  |               | 1300   | ug/Kg | 81  |          |     |          | 0   | 0           |     |
| Anthracene                 | 1600  |               | 1200   | ug/Kg | 75  |          |     |          | 0   | 0           |     |
| 1,2,3,4-Tetrachlorobenzene | 1600  |               | 1400   | ug/Kg | 88  |          |     |          | 0   | 0           |     |
| Carbazole                  | 1600  |               | 1100   | ug/Kg | 69  |          |     |          | 0   | 0           |     |
| Di-n-butylphthalate        | 1600  |               | 1100   | ug/Kg | 69  |          |     |          | 0   | 0           |     |
| Fluoranthene               | 1600  |               | 1200   | ug/Kg | 75  |          |     |          | 0   | 0           |     |
| Pyrene                     | 1600  | 0             | 1200   | ug/Kg | 75  |          |     |          | 35  | 142         |     |
| Butylbenzylphthalate       | 1600  |               | 1100   | ug/Kg | 69  |          |     |          | 0   | 0           |     |
| 3,3'-Dichlorobenzidine     | 1600  |               | 510    | ug/Kg | 32  |          |     |          | 0   | 0           |     |
| Benzo(a)anthracene         | 1600  |               | 1100   | ug/Kg | 69  |          |     |          | 0   | 0           |     |
| Chrysene                   | 1600  |               | 1100   | ug/Kg | 69  |          |     |          | 0   | 0           |     |
| Bis(2-ethylhexyl)phthalate | 1600  | 110           | 1200   | ug/Kg | 68  |          |     |          | 0   | 0           |     |
| Di-n-octylphthalate        | 1600  |               | 1100   | ug/Kg | 69  |          |     |          | 0   | 0           |     |
| Benzo(b)fluoranthene       | 1600  |               | 1100   | ug/Kg | 69  |          |     |          | 0   | 0           |     |
| Benzo(k)fluoranthene       | 1600  |               | 1100   | ug/Kg | 69  |          |     |          | 0   | 0           |     |
| Benzo(a)pyrene             | 1600  |               | 1100   | ug/Kg | 69  |          |     |          | 0   | 0           |     |
| Indeno(1,2,3-cd)pyrene     | 1600  |               | 1200   | ug/Kg | 75  |          |     |          | 0   | 0           |     |
| Dibenzo(a,h)anthracene     | 1600  |               | 1200   | ug/Kg | 75  |          |     |          | 0   | 0           |     |
| Benzo(g,h,i)perylene       | 1600  |               | 1200   | ug/Kg | 75  |          |     |          | 0   | 0           |     |
| 2,3,4,6-Tetrachlorophenol  | 1600  | 16000         | 16000  | ug/Kg | 0   |          |     |          | 0   | 0           |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BN100224

**Client:** \_\_\_\_\_

**Analytical Method:** SFAM\_SVOC

| Parameter                   | Spike              | Sample Result            | Result          | Units | Rec | Rec Qual | RPD | RPD Qual         | Low               | Limits High | RPD |
|-----------------------------|--------------------|--------------------------|-----------------|-------|-----|----------|-----|------------------|-------------------|-------------|-----|
| <b>Lab Sample ID:</b>       | <b>P4016-20MSD</b> | <b>Client Sample ID:</b> | <b>DDC23MSD</b> |       |     |          |     | <b>DataFile:</b> | <b>BN034342.D</b> |             |     |
| 1,4-Dioxane                 | 650                |                          | 520             | ug/Kg | 80  |          | 4   |                  | 15                | 120         | 50  |
| Benzaldehyde                | 1600               |                          | 2500            | ug/Kg | 156 |          | 0   |                  | 0                 | 0           | 0   |
| Pyridine                    | 1600               |                          | 1100            | ug/Kg | 69  |          | 8   | *                | 0                 | 0           | 0   |
| Phenol                      | 1600               |                          | 1100            | ug/Kg | 69  |          | 0   |                  | 26                | 90          | 35  |
| Bis(2-chloroethyl)ether     | 1600               |                          | 1000            | ug/Kg | 63  |          | 9   | *                | 0                 | 0           | 0   |
| 2-Chlorophenol              | 1600               |                          | 1300            | ug/Kg | 81  |          | 0   |                  | 25                | 102         | 50  |
| 2-Methylphenol              | 1600               |                          | 1100            | ug/Kg | 69  |          | 0   |                  | 0                 | 0           | 0   |
| 2,2-oxybis(1-Chloropropane) | 1600               |                          | 870             | ug/Kg | 54  |          | 0   |                  | 0                 | 0           | 0   |
| Acetophenone                | 1600               |                          | 7400            | ug/Kg | 463 |          | 1   | *                | 0                 | 0           | 0   |
| 4-Methylphenol              | 1600               |                          | 970             | ug/Kg | 61  |          | 2   | *                | 0                 | 0           | 0   |
| N-Nitroso-di-n-propylamine  | 1600               |                          | 1200            | ug/Kg | 75  |          | 0   |                  | 41                | 126         | 38  |
| Hexachloroethane            | 1600               |                          | 1300            | ug/Kg | 81  |          | 0   |                  | 0                 | 0           | 0   |
| Nitrobenzene                | 1600               |                          | 1400            | ug/Kg | 88  |          | 0   |                  | 0                 | 0           | 0   |
| Isophorone                  | 1600               |                          | 1900            | ug/Kg | 119 |          | 0   |                  | 0                 | 0           | 0   |
| 2-Nitrophenol               | 1600               |                          | 1600            | ug/Kg | 100 |          | 0   |                  | 0                 | 0           | 0   |
| 2,4-Dimethylphenol          | 1600               |                          | 1300            | ug/Kg | 81  |          | 0   |                  | 0                 | 0           | 0   |
| Bis(2-chloroethoxy)methane  | 1600               |                          | 1400            | ug/Kg | 88  |          | 0   |                  | 0                 | 0           | 0   |
| 2,4-Dichlorophenol          | 1600               |                          | 1700            | ug/Kg | 106 |          | 0   |                  | 0                 | 0           | 0   |
| Naphthalene                 | 1600               | 2200                     | 3200            | ug/Kg | 63  |          | 0   |                  | 0                 | 0           | 0   |
| 4-Chloroaniline             | 1600               |                          | 420             | ug/Kg | 26  |          | 12  | *                | 0                 | 0           | 0   |
| Hexachlorobutadiene         | 1600               |                          | 1500            | ug/Kg | 94  |          | 6   | *                | 0                 | 0           | 0   |
| Caprolactam                 | 1600               |                          | 810             | ug/Kg | 51  |          | 0   |                  | 0                 | 0           | 0   |
| 4-Chloro-3-methylphenol     | 1600               |                          | 1200            | ug/Kg | 75  |          | 0   |                  | 26                | 103         | 33  |
| 1-Methylnaphthalene         | 1600               | 3200                     | 4200            | ug/Kg | 63  |          | 0   |                  | 0                 | 0           | 0   |
| 2-Methylnaphthalene         | 1600               | 5400                     | 6100            | ug/Kg | 44  |          | 15  | *                | 0                 | 0           | 0   |
| Hexachlorocyclopentadiene   | 1600               |                          | 1100            | ug/Kg | 69  |          | 8   | *                | 0                 | 0           | 0   |
| 2,4,6-Trichlorophenol       | 1600               | 190                      | 1400            | ug/Kg | 76  |          | 0   |                  | 0                 | 0           | 0   |
| 2,4,5-Trichlorophenol       | 1600               | 480                      | 1600            | ug/Kg | 70  |          | 8   | *                | 0                 | 0           | 0   |
| 1,1'-Biphenyl               | 1600               | 450                      | 1500            | ug/Kg | 66  |          | 0   |                  | 0                 | 0           | 0   |
| 2-Chloronaphthalene         | 1600               |                          | 930             | ug/Kg | 58  |          | 2   | *                | 0                 | 0           | 0   |
| 2-Nitroaniline              | 1600               |                          | 1000            | ug/Kg | 63  |          | 9   | *                | 0                 | 0           | 0   |
| Dimethylphthalate           | 1600               |                          | 1000            | ug/Kg | 63  |          | 0   |                  | 0                 | 0           | 0   |
| 2,6-Dinitrotoluene          | 1600               |                          | 1500            | ug/Kg | 94  |          | 7   | *                | 0                 | 0           | 0   |
| Acenaphthylene              | 1600               |                          | 1100            | ug/Kg | 69  |          | 8   | *                | 0                 | 0           | 0   |
| 3-Nitroaniline              | 1600               |                          | 630             | ug/Kg | 39  |          | 3   | *                | 0                 | 0           | 0   |
| Acenaphthene                | 1600               | 150                      | 1200            | ug/Kg | 66  |          | 0   |                  | 31                | 137         | 19  |
| 2,4-Dinitrophenol           | 1600               |                          | 1200            | ug/Kg | 75  |          | 0   |                  | 0                 | 0           | 0   |
| 4-Nitrophenol               | 1600               |                          | 1500            | ug/Kg | 94  |          | 0   |                  | 11                | 114         | 50  |
| Dibenzofuran                | 1600               |                          | 1100            | ug/Kg | 69  |          | 0   |                  | 0                 | 0           | 0   |
| 2,4-Dinitrotoluene          | 1600               |                          | 1100            | ug/Kg | 69  |          | 0   |                  | 28                | 89          | 47  |
| Diethylphthalate            | 1600               |                          | 990             | ug/Kg | 62  |          | 2   | *                | 0                 | 0           | 0   |
| Fluorene                    | 1600               | 320                      | 1300            | ug/Kg | 61  |          | 0   |                  | 0                 | 0           | 0   |
| 4-Chlorophenyl-phenylether  | 1600               |                          | 1100            | ug/Kg | 69  |          | 0   |                  | 0                 | 0           | 0   |
| 4-Nitroaniline              | 1600               |                          | 760             | ug/Kg | 48  |          | 4   | *                | 0                 | 0           | 0   |
| 4,6-Dinitro-2-methylphenol  | 1600               |                          | 4700            | ug/Kg | 294 |          | 2   | *                | 0                 | 0           | 0   |
| N-Nitrosodiphenylamine      | 1600               |                          | 1600            | ug/Kg | 100 |          | 0   |                  | 0                 | 0           | 0   |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BN100224

**Client:** \_\_\_\_\_

**Analytical Method:** SFAM\_SVOC

| Parameter                  | Spike | Sample<br>Result | Result | Units | Rec  | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|----------------------------|-------|------------------|--------|-------|------|-------------|-----|-------------|-----|----------------|-----|
| 1,2,4,5-Tetrachlorobenzene | 1600  |                  | 1300   | ug/Kg | 81   |             | 0   |             | 0   | 0              | 0   |
| 4-Bromophenyl-phenylether  | 1600  |                  | 1200   | ug/Kg | 75   |             | 8   | *           | 0   | 0              | 0   |
| Hexachlorobenzene          | 1600  |                  | 1400   | ug/Kg | 88   |             | 0   |             | 0   | 0              | 0   |
| Atrazine                   | 1600  |                  | 920    | ug/Kg | 58   |             | 2   | *           | 0   | 0              | 0   |
| Pentachlorophenol          | 1600  | 100000           | 98000  | ug/Kg | -125 | *           | 200 | *           | 17  | 109            | 47  |
| Phenanthrene               | 1600  | 840              | 1900   | ug/Kg | 66   |             | 0   |             | 0   | 0              | 0   |
| Pentachlorobenzene         | 1600  |                  | 1300   | ug/Kg | 81   |             | 0   |             | 0   | 0              | 0   |
| Anthracene                 | 1600  |                  | 1200   | ug/Kg | 75   |             | 0   |             | 0   | 0              | 0   |
| 1,2,3,4-Tetrachlorobenzene | 1600  |                  | 1300   | ug/Kg | 81   |             | 8   | *           | 0   | 0              | 0   |
| Carbazole                  | 1600  |                  | 1100   | ug/Kg | 69   |             | 0   |             | 0   | 0              | 0   |
| Di-n-butylphthalate        | 1600  |                  | 1100   | ug/Kg | 69   |             | 0   |             | 0   | 0              | 0   |
| Fluoranthene               | 1600  |                  | 1100   | ug/Kg | 69   |             | 8   | *           | 0   | 0              | 0   |
| Pyrene                     | 1600  | 0                | 1200   | ug/Kg | 75   |             | 0   |             | 35  | 142            | 36  |
| Butylbenzylphthalate       | 1600  |                  | 1100   | ug/Kg | 69   |             | 0   |             | 0   | 0              | 0   |
| 3,3'-Dichlorobenzidine     | 1600  |                  | 480    | ug/Kg | 30   |             | 6   | *           | 0   | 0              | 0   |
| Benzo(a)anthracene         | 1600  |                  | 1100   | ug/Kg | 69   |             | 0   |             | 0   | 0              | 0   |
| Chrysene                   | 1600  |                  | 1100   | ug/Kg | 69   |             | 0   |             | 0   | 0              | 0   |
| Bis(2-ethylhexyl)phthalate | 1600  | 110              | 1200   | ug/Kg | 68   |             | 0   |             | 0   | 0              | 0   |
| Di-n-octylphthalate        | 1600  |                  | 1100   | ug/Kg | 69   |             | 0   |             | 0   | 0              | 0   |
| Benzo(b)fluoranthene       | 1600  |                  | 1100   | ug/Kg | 69   |             | 0   |             | 0   | 0              | 0   |
| Benzo(k)fluoranthene       | 1600  |                  | 1100   | ug/Kg | 69   |             | 0   |             | 0   | 0              | 0   |
| Benzo(a)pyrene             | 1600  |                  | 1100   | ug/Kg | 69   |             | 0   |             | 0   | 0              | 0   |
| Indeno(1,2,3-cd)pyrene     | 1600  |                  | 1200   | ug/Kg | 75   |             | 0   |             | 0   | 0              | 0   |
| Dibenzo(a,h)anthracene     | 1600  |                  | 1200   | ug/Kg | 75   |             | 0   |             | 0   | 0              | 0   |
| Benzo(g,h,i)perylene       | 1600  |                  | 1300   | ug/Kg | 81   |             | 8   | *           | 0   | 0              | 0   |
| 2,3,4,6-Tetrachlorophenol  | 1600  | 16000            | 16000  | ug/Kg | 0    |             |     |             | 0   | 0              | 0   |

## Surrogate Summary

SW-846

SDG No.: **BN100224**

Client: \_\_\_\_\_

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4016-13      | DCVW4     | BN034335.D | 1,4-Dioxane-d8                | 8              | 3.25            | 41           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 13.58           | 34           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 15.75           | 39           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 15.03           | 38           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 17.18           | 43           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 16.11           | 40           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 17.30           | 43           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 17.70           | 44           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 17.76           | 44           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 16.97           | 42           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 19.07           | 48           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 18.66           | 47           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 9.09            | 23           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 18.85           | 47           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 11.13           | 28           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 19.67           | 49           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 21.96           | 55           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 19.59           | 49           |      | 10         | 140  |
| P4016-14      | DCVW5     | BN034336.D | 1,4-Dioxane-d8                | 8              | 3.30            | 41           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 12.97           | 32           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 14.58           | 36           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 14.73           | 37           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 16.56           | 41           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 14.36           | 36           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 16.99           | 42           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 16.68           | 42           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 16.29           | 41           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 15.58           | 39           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 17.98           | 45           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 18.03           | 45           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 7.79            | 19           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 17.88           | 45           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 8.55            | 21           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 18.49           | 46           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 19.21           | 48           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 18.79           | 47           |      | 10         | 140  |
| P4016-15      | DDC20     | BN034337.D | 1,4-Dioxane-d8                | 8              | 2.94            | 37           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 11.71           | 29           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 12.90           | 32           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 12.82           | 32           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 14.63           | 37           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 12.42           | 31           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 13.54           | 34           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 14.58           | 36           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 14.31           | 36           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 12.37           | 31           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 14.80           | 37           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 15.04           | 38           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 7.32            | 18           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BN100224

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4016-15      | DDC20     | BN034337.D | Fluorene-d10                  | 40             | 15.26           | 38           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 7.80            | 20           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 15.06           | 38           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 15.19           | 38           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 15.37           | 38           |      | 10         | 140  |
| P4016-15DL    | DDC20DL   | BN034364.D | 1,4-Dioxane-d8                | 8              | 0.00            | 0            | *    | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 14.22           | 36           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 12.14           | 30           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 15.80           | 40           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 14.96           | 37           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 9.92            | 25           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 13.46           | 34           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 11.14           | 28           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 11.36           | 28           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 7.20            | 18           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 16.92           | 42           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 16.58           | 41           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 0.00            | 0            | *    | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 18.40           | 46           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 8.56            | 21           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 19.68           | 49           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 19.14           | 48           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 17.54           | 44           |      | 10         | 140  |
| P4016-16      | DDC21     | BN034338.D | 1,4-Dioxane-d8                | 8              | 2.95            | 37           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 8.04            | 20           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 13.78           | 34           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 14.31           | 36           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 15.85           | 40           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 13.64           | 34           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 15.96           | 40           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 17.00           | 43           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 16.47           | 41           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 13.39           | 33           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 15.52           | 39           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 16.48           | 41           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 9.52            | 24           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 16.31           | 41           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 11.27           | 28           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 16.91           | 42           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 15.97           | 40           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 16.85           | 42           |      | 10         | 140  |
| P4016-16DL    | DDC21DL   | BN034365.D | 1,4-Dioxane-d8                | 8              | 4.43            | 55           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 9.10            | 23           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 13.44           | 34           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 16.91           | 42           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 16.82           | 42           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 12.88           | 32           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 15.54           | 39           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 14.11           | 35           |      | 10         | 120  |

## Surrogate Summary

SW-846

SDG No.: BN100224

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4016-16DL    | DDC21DL   | BN034365.D | 2,4-Dichlorophenol-d3         | 40             | 14.78           | 37           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 12.91           | 32           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 17.98           | 45           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 18.22           | 46           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 0.00            | 0            | *    | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 19.51           | 49           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 6.90            | 17           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 19.29           | 48           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 19.02           | 48           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 17.63           | 44           |      | 10         | 140  |
| P4016-17      | DDC22     | BN034339.D | 1,4-Dioxane-d8                | 8              | 3.25            | 41           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 5.26            | 13           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 16.36           | 41           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 18.03           | 45           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 18.71           | 47           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 16.60           | 42           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 19.11           | 48           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 20.66           | 52           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 19.58           | 49           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 12.36           | 31           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 18.70           | 47           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 19.42           | 49           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 14.39           | 36           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 19.51           | 49           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 14.89           | 37           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 19.73           | 49           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 19.34           | 48           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 19.65           | 49           |      | 10         | 140  |
| P4016-17DL    | DDC22DL   | BN034366.D | 1,4-Dioxane-d8                | 8              | 3.44            | 43           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 4.66            | 12           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 16.71           | 42           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 19.10           | 48           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 20.02           | 50           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 15.95           | 40           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 19.00           | 47           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 17.33           | 43           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 19.87           | 50           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 14.28           | 36           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 21.86           | 55           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 22.26           | 56           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 0.00            | 0            | *    | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 23.75           | 59           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 10.73           | 27           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 23.76           | 59           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 23.59           | 59           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 22.48           | 56           |      | 10         | 140  |
| P4016-18      | DDC23     | BN034340.D | 1,4-Dioxane-d8                | 8              | 5.39            | 67           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 19.79           | 49           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 28.02           | 70           |      | 10         | 130  |

## Surrogate Summary

SW-846

SDG No.: BN100224

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4016-18      | DDC23     | BN034340.D | Bis(2-Chloroethyl)ether-d8    | 40             | 31.38           | 78           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 29.05           | 73           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 25.40           | 64           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 35.76           | 89           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 35.66           | 89           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 34.03           | 85           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 31.99           | 80           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 24.37           | 61           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 25.48           | 64           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 26.28           | 66           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 26.08           | 65           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 21.53           | 54           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 26.44           | 66           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 26.38           | 66           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 26.92           | 67           |      | 10         | 140  |
| P4016-18DL    | DDC23DL   | BN034367.D | 1,4-Dioxane-d8                | 8              | 5.64            | 70           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 16.65           | 42           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 27.45           | 69           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 32.85           | 82           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 27.44           | 69           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 22.26           | 56           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 29.70           | 74           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 28.93           | 72           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 28.81           | 72           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 22.63           | 57           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 28.66           | 72           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 29.60           | 74           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 21.19           | 53           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 32.00           | 80           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 15.30           | 38           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 30.62           | 77           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 31.11           | 78           |      | 10         | 130  |
| P4016-19MS    | DDC23MS   | BN034341.D | Benzo(a)pyrene-d12            | 40             | 29.46           | 74           |      | 10         | 140  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 4.80            | 60           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 18.67           | 47           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 26.96           | 67           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 29.65           | 74           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 27.56           | 69           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 23.41           | 59           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 35.41           | 89           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 35.14           | 88           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 33.46           | 84           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 20.03           | 50           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 23.29           | 58           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 24.31           | 61           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 27.26           | 68           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 23.39           | 58           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 23.48           | 59           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 24.54           | 61           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BN100224

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4016-19MS    | DDC23MS   | BN034341.D | Pyrene-d10                    | 40             | 24.88           | 62           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 25.31           | 63           |      | 10         | 140  |
| P4016-20MSD   | DDC23MSD  | BN034342.D | 1,4-Dioxane-d8                | 8              | 4.66            | 58           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 17.77           | 44           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 26.35           | 66           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 29.30           | 73           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 26.93           | 67           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 23.17           | 58           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 33.88           | 85           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 33.22           | 83           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 33.55           | 84           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 20.17           | 50           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 22.61           | 57           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 24.22           | 61           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 26.80           | 67           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 24.44           | 61           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 26.61           | 67           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 23.99           | 60           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 24.68           | 62           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 25.83           | 65           |      | 10         | 140  |
| P4016-21      | DDC24     | BN034343.D | 1,4-Dioxane-d8                | 8              | 3.32            | 42           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 13.85           | 35           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 18.93           | 47           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 20.19           | 50           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 20.73           | 52           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 18.16           | 45           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 23.74           | 59           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 25.02           | 63           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 23.20           | 58           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 10.52           | 26           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 19.32           | 48           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 19.82           | 50           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 17.27           | 43           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 20.60           | 52           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 15.46           | 39           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 20.31           | 51           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 19.94           | 50           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 20.09           | 50           |      | 10         | 140  |
| P4016-21DL    | DDC24DL   | BN034368.D | 1,4-Dioxane-d8                | 8              | 4.07            | 51           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 12.59           | 31           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 17.43           | 44           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 20.08           | 50           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 18.64           | 47           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 15.20           | 38           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 17.88           | 45           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 15.45           | 39           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 17.02           | 43           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 8.98            | 22           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 18.59           | 46           |      | 10         | 145  |

## Surrogate Summary

SW-846

SDG No.: **BN100224**

Client: \_\_\_\_\_

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P4016-21DL    | DDC24DL    | BN034368.D | Acenaphthylene-d8             | 40             | 19.04           | 48           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 7.52            | 19           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 20.34           | 51           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 10.82           | 27           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 20.27           | 51           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 19.36           | 48           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 18.20           | 46           |      | 10         | 140  |
| P4016-21DL2   | DDC24DL2   | BN034369.D | 1,4-Dioxane-d8                | 8              | 0.00            | 0            | *    | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 13.86           | 35           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 19.11           | 48           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 17.55           | 44           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 10.92           | 27           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 18.42           | 46           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 12.03           | 30           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 14.22           | 36           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 6.33            | 16           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 18.27           | 46           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 18.03           | 45           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 0.00            | 0            | *    | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 20.73           | 52           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 0.00            | 0            | *    | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 20.73           | 52           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 19.23           | 48           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 16.86           | 42           |      | 10         | 140  |
| P4016-22      | DDC25      | BN034344.D | 1,4-Dioxane-d8                | 8              | 3.14            | 39           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 10.28           | 26           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 15.30           | 38           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 14.60           | 37           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 17.41           | 44           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 15.22           | 38           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 16.94           | 42           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 18.29           | 46           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 17.45           | 44           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 15.79           | 39           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 18.30           | 46           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 18.63           | 47           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 9.01            | 23           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 18.35           | 46           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 12.24           | 31           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 19.65           | 49           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 19.39           | 48           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 19.87           | 50           |      | 10         | 140  |
| PB163456BL    | PB163456BL | BN034334.D | Pyridine-d5                   | 40             | 22.90           | 57           |      | 20         | 120  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 5.63            | 70           |      | 15         | 120  |
|               |            |            | Phenol-d5                     | 40             | 23.57           | 59           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 23.40           | 59           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 26.61           | 67           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 23.25           | 58           |      | 10         | 140  |

## Surrogate Summary

SW-846

SDG No.: BN100224

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| PB163456BL    | PB163456BL | BN034334.D | Nitrobenzene-d5               | 40             | 27.25           | 68           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 28.75           | 72           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 26.65           | 67           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 25.39           | 63           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 27.07           | 68           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 27.45           | 69           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 18.93           | 47           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 27.27           | 68           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 19.55           | 49           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 27.68           | 69           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 28.12           | 70           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 27.52           | 69           |      | 10         | 140  |
| PB163456BS    | PB163456BS | BN034345.D | 1,4-Dioxane-d8                | 8              | 4.54            | 57           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 20.23           | 51           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 21.10           | 53           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 19.83           | 50           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 24.17           | 60           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 20.38           | 51           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 24.28           | 61           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 25.82           | 65           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 25.19           | 63           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 21.37           | 53           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 22.26           | 56           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 23.75           | 59           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 19.71           | 49           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 22.78           | 57           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 22.65           | 57           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 23.48           | 59           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 23.62           | 59           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 24.47           | 61           |      | 10         | 140  |

## Surrogate Summary

SW-846

SDG No.: BN100224

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4017-01      | DDC40     | BN034350.D | 1,4-Dioxane-d8                | 8              | 4.70            | 59           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 7.97            | 20           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 25.05           | 63           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 23.32           | 58           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 27.50           | 69           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 25.01           | 63           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 27.81           | 70           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 30.79           | 77           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 29.23           | 73           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 20.82           | 52           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 28.79           | 72           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 30.00           | 75           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 22.86           | 57           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 30.13           | 75           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 26.08           | 65           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 30.80           | 77           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 29.76           | 74           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 29.97           | 75           |      | 10         | 140  |
| P4017-01DL    | DDC40DL   | BN034370.D | 1,4-Dioxane-d8                | 8              | 5.59            | 70           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 9.23            | 23           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 26.96           | 67           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 28.28           | 71           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 30.68           | 77           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 26.17           | 65           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 30.47           | 76           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 30.29           | 76           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 30.66           | 77           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 23.21           | 58           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 32.67           | 82           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 33.33           | 83           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 12.41           | 31           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 34.16           | 85           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 17.97           | 45           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 34.74           | 87           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 35.76           | 89           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 32.72           | 82           |      | 10         | 140  |
| P4017-04      | DDC43     | BN034351.D | 1,4-Dioxane-d8                | 8              | 4.83            | 60           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 18.91           | 47           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 24.08           | 60           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 24.75           | 62           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 27.04           | 68           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 24.11           | 60           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 29.10           | 73           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 32.22           | 81           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 29.45           | 74           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 22.03           | 55           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 26.78           | 67           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 28.84           | 72           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 19.22           | 48           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: **BN100224**

Client: \_\_\_\_\_

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4017-04      | DDC43     | BN034351.D | Fluorene-d10                  | 40             | 28.12           | 70           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 25.86           | 65           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 28.47           | 71           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 28.29           | 71           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 28.61           | 72           |      | 10         | 140  |
| P4017-04DL    | DDC43DL   | BN034371.D | 1,4-Dioxane-d8                | 8              | 5.61            | 70           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 16.68           | 42           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 18.66           | 47           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 22.37           | 56           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 22.68           | 57           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 18.43           | 46           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 20.81           | 52           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 20.39           | 51           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 21.11           | 53           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 16.65           | 42           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 23.68           | 59           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 24.26           | 61           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 0.00            | 0            | *    | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 25.08           | 63           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 0.00            | 0            | *    | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 25.56           | 64           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 25.12           | 63           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 22.36           | 56           |      | 10         | 140  |
| P4017-04DL2   | DDC43DL2  | BN034372.D | 1,4-Dioxane-d8                | 8              | 4.78            | 60           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 13.08           | 33           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 18.38           | 46           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 24.08           | 60           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 23.18           | 58           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 16.06           | 40           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 19.70           | 49           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 18.10           | 45           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 19.94           | 50           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 15.34           | 38           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 24.08           | 60           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 23.76           | 59           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 2.30            | 6            | *    | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 25.96           | 65           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 9.20            | 23           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 26.98           | 67           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 26.90           | 67           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 23.12           | 58           |      | 10         | 140  |
| P4017-05      | DDC44     | BN034352.D | 1,4-Dioxane-d8                | 8              | 4.11            | 51           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 18.91           | 47           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 21.58           | 54           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 20.58           | 51           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 24.22           | 61           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 21.59           | 54           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 24.82           | 62           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 26.59           | 66           |      | 10         | 120  |

## Surrogate Summary

SW-846

SDG No.: BN100224

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4017-05      | DDC44     | BN034352.D | 2,4-Dichlorophenol-d3         | 40             | 24.72           | 62           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 23.41           | 59           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 26.23           | 66           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 27.08           | 68           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 5.96            | 15           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 26.41           | 66           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 8.25            | 21           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 27.94           | 70           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 27.99           | 70           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 28.41           | 71           |      | 10         | 140  |
| P4017-10      | DDC85     | BN034353.D | 1,4-Dioxane-d8                | 8              | 3.81            | 48           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 14.63           | 37           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 20.69           | 52           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 19.49           | 49           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 22.70           | 57           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 20.43           | 51           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 24.05           | 60           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 25.63           | 64           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 24.33           | 61           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 21.63           | 54           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 25.62           | 64           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 27.68           | 69           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 17.11           | 43           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 27.80           | 70           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 20.53           | 51           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 28.45           | 71           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 27.30           | 68           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 28.85           | 72           |      | 10         | 140  |
| P4017-10DL    | DDC85DL   | BN034379.D | 1,4-Dioxane-d8                | 8              | 5.21            | 65           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 16.02           | 40           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 21.32           | 53           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 23.20           | 58           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 24.85           | 62           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 19.67           | 49           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 23.65           | 59           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 20.82           | 52           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 24.24           | 61           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 20.24           | 51           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 29.28           | 73           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 29.92           | 75           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 0.00            | 0            | *    | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 33.29           | 83           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 0.00            | 0            | *    | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 32.20           | 81           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 35.55           | 89           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 30.88           | 77           |      | 10         | 140  |
| P4017-12      | DDC94     | BN034354.D | 1,4-Dioxane-d8                | 8              | 5.09            | 64           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 20.05           | 50           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 26.22           | 66           |      | 10         | 130  |

## Surrogate Summary

SW-846

SDG No.: BN100224

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4017-12      | DDC94     | BN034354.D | Bis(2-Chloroethyl)ether-d8    | 40             | 23.78           | 59           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 28.26           | 71           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 23.79           | 59           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 29.16           | 73           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 31.99           | 80           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 29.65           | 74           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 23.04           | 58           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 29.94           | 75           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 30.74           | 77           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 19.86           | 50           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 29.90           | 75           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 24.71           | 62           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 31.92           | 80           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 31.90           | 80           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 33.62           | 84           |      | 10         | 140  |
| P4017-12DL    | DDC94DL   | BN034380.D | 1,4-Dioxane-d8                | 8              | 6.59            | 82           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 17.46           | 44           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 20.76           | 52           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 22.46           | 56           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 23.36           | 58           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 17.83           | 45           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 20.22           | 51           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 18.73           | 47           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 19.95           | 50           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 16.50           | 41           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 25.25           | 63           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 24.93           | 62           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 0.00            | 0            | *    | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 27.24           | 68           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 0.00            | 0            | *    | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 27.34           | 68           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 26.56           | 66           |      | 10         | 130  |
| P4017-13      | DDC95     | BN034355.D | Benzo(a)pyrene-d12            | 40             | 24.67           | 62           |      | 10         | 140  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 1.23            | 15           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 5.41            | 14           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 9.90            | 25           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 5.45            | 14           | *    | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 0.63            | 2            | *    | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 10.50           | 26           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 9.24            | 23           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 4.74            | 12           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 14.79           | 37           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 7.44            | 19           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 7.48            | 19           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 9.11            | 23           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 8.01            | 20           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 6.42            | 16           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 7.46            | 19           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: **BN100224**

Client: \_\_\_\_\_

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4017-13      | DDC95     | BN034355.D | Pyrene-d10                    | 40             | 6.24            | 16           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 3.61            | 9            | *    | 10         | 140  |
| P4017-13DL    | DDC95DL   | BN034375.D | 1,4-Dioxane-d8                | 8              | 0.00            | 0            | *    | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 3.34            | 8            | *    | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 9.57            | 24           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 4.17            | 10           | *    | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 0.00            | 0            | *    | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 8.03            | 20           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 5.11            | 13           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 2.73            | 7            | *    | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 13.07           | 33           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 6.77            | 17           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 6.80            | 17           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 5.73            | 14           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 7.79            | 19           | *    | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 0.00            | 0            | *    | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 7.64            | 19           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 5.69            | 14           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 3.10            | 8            | *    | 10         | 140  |
| P4017-13DL2   | DDC95DL2  | BN034376.D | 1,4-Dioxane-d8                | 8              | 0.00            | 0            | *    | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 0.00            | 0            | *    | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 8.64            | 22           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 3.60            | 9            | *    | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 0.00            | 0            | *    | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 7.98            | 20           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 4.02            | 10           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 0.00            | 0            | *    | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 14.01           | 35           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 7.38            | 18           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 6.72            | 17           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 0.00            | 0            | *    | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 8.91            | 22           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 0.00            | 0            | *    | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 7.08            | 18           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 5.91            | 15           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 3.21            | 8            | *    | 10         | 140  |
| P4017-15      | DDC97     | BN034356.D | 1,4-Dioxane-d8                | 8              | 4.58            | 57           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 14.60           | 37           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 25.18           | 63           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 22.47           | 56           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 27.07           | 68           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 25.05           | 63           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 27.63           | 69           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 31.11           | 78           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 28.89           | 72           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 22.22           | 56           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 28.26           | 71           |      | 10         | 145  |

## Surrogate Summary

SW-846

SDG No.: BN100224

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4017-15      | DDC97     | BN034356.D | Acenaphthylene-d8             | 40             | 29.47           | 74           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 22.11           | 55           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 28.74           | 72           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 26.07           | 65           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 29.54           | 74           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 29.48           | 74           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 29.80           | 74           |      | 10         | 140  |
| P4017-16      | DDC98     | BN034357.D | 1,4-Dioxane-d8                | 8              | 4.42            | 55           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 19.03           | 48           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 22.74           | 57           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 21.64           | 54           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 25.66           | 64           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 22.77           | 57           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 27.04           | 68           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 28.61           | 72           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 26.42           | 66           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 25.24           | 63           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 26.36           | 66           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 28.64           | 72           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 17.26           | 43           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 28.18           | 70           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 17.18           | 43           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 29.14           | 73           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 29.24           | 73           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 29.99           | 75           |      | 10         | 140  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 2.96            | 37           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 13.33           | 33           |      | 20         | 120  |
| P4017-18      | DDCD4     | BN034358.D | Phenol-d5                     | 40             | 15.96           | 40           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 15.24           | 38           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 18.30           | 46           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 15.25           | 38           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 18.52           | 46           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 18.72           | 47           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 17.68           | 44           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 14.19           | 35           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 17.73           | 44           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 18.36           | 46           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 8.82            | 22           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 17.77           | 44           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 9.50            | 24           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 18.34           | 46           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 18.80           | 47           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 19.00           | 47           |      | 10         | 140  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 3.34            | 42           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 6.10            | 15           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 15.91           | 40           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 16.26           | 41           |      | 10         | 150  |
| P4017-21      | DDCD7     | BN034361.D | 2-Chlorophenol-d4             | 40             | 18.03           | 45           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 15.41           | 39           |      | 10         | 140  |

## Surrogate Summary

SW-846

SDG No.: BN100224

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4017-21      | DDCD7     | BN034361.D | Nitrobenzene-d5               | 40             | 19.36           | 48           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 20.21           | 51           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 18.70           | 47           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 10.54           | 26           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 18.10           | 45           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 19.10           | 48           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 13.48           | 34           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 18.70           | 47           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 25.33           | 63           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 19.10           | 48           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 18.75           | 47           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 18.84           | 47           |      | 10         | 140  |
| P4017-21DL    | DDCD7DL   | BN034377.D | 1,4-Dioxane-d8                | 8              | 4.02            | 50           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 14.93           | 37           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 16.74           | 42           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 17.59           | 44           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 13.81           | 35           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 16.21           | 41           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 15.12           | 38           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 15.67           | 39           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 10.12           | 25           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 18.23           | 46           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 18.02           | 45           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 0.00            | 0            | *    | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 19.97           | 50           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 0.00            | 0            | *    | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 18.97           | 47           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 20.03           | 50           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 17.24           | 43           |      | 10         | 140  |
| P4017-21DL2   | DDCD7DL2  | BN034378.D | 1,4-Dioxane-d8                | 8              | 12.14           | 152          | *    | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 40.82           | 102          |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 47.06           | 118          |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 48.10           | 120          |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 36.42           | 91           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 43.54           | 109          |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 40.98           | 102          |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 42.86           | 107          |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 24.02           | 60           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 50.10           | 125          |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 49.84           | 125          | *    | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 0.00            | 0            | *    | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 54.04           | 135          |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 20.62           | 52           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 53.12           | 133          |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 52.30           | 131          | *    | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 49.32           | 123          |      | 10         | 140  |
| P4017-22      | DDCD8     | BN034362.D | 1,4-Dioxane-d8                | 8              | 3.37            | 42           |      | 15         | 120  |

## Surrogate Summary

SW-846

SDG No.: BN100224

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P4017-22      | DDCD8      | BN034362.D | Pyridine-d5                   | 40             | 7.46            | 19           | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 16.73           | 42           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 15.84           | 40           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 18.92           | 47           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 16.68           | 42           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 19.91           | 50           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 21.03           | 53           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 19.72           | 49           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 15.29           | 38           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 20.44           | 51           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 21.57           | 54           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 11.66           | 29           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 21.09           | 53           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 15.64           | 39           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 22.18           | 55           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 21.62           | 54           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 22.13           | 55           |      | 10         | 140  |
| PB163489BL    | PB163489BL | BN034360.D | 1,4-Dioxane-d8                | 8              | 4.19            | 52           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 18.11           | 45           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 17.86           | 45           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 17.06           | 43           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 20.61           | 52           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 16.84           | 42           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 20.51           | 51           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 21.27           | 53           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 19.42           | 49           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 18.14           | 45           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 19.20           | 48           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 20.23           | 51           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 12.01           | 30           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 19.46           | 49           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 14.09           | 35           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 20.66           | 52           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 20.18           | 50           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 20.15           | 50           |      | 10         | 140  |

## Surrogate Summary

SW-846

SDG No.: **BN100224**

Client: \_\_\_\_\_

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P4018-04DL    | DDCA2DL    | BN034363.D | 1,4-Dioxane-d8                | 8              | 4.48            | 56           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 13.88           | 35           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 13.54           | 34           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 18.44           | 46           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 18.52           | 46           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 14.34           | 36           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 16.68           | 42           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 15.28           | 38           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 15.28           | 38           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 11.34           | 28           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 19.80           | 49           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 19.90           | 50           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 0.00            | 0            | *    | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 21.56           | 54           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 6.90            | 17           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 21.86           | 55           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 21.72           | 54           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 20.00           | 50           |      | 10         | 140  |
| PB163513BL    | PB163513BL | BN034347.D | 1,4-Dioxane-d8                | 8              | 5.26            | 66           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 22.22           | 56           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 23.28           | 58           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 22.66           | 57           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 26.57           | 66           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 22.93           | 57           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 27.55           | 69           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 28.84           | 72           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 26.25           | 66           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 24.58           | 61           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 26.23           | 66           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 27.61           | 69           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 17.22           | 43           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 26.71           | 67           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 20.83           | 52           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 28.50           | 71           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 28.73           | 72           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 28.71           | 72           |      | 10         | 140  |

## Surrogate Summary

SW-846

SDG No.: **BN100224**

Client: \_\_\_\_\_

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4019-06DL2   | DDCA9DL2  | BN034348.D | 1,4-Dioxane-d8                | 8              | 0.00            | 0            | *    | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 12.82           | 32           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 15.38           | 38           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 15.01           | 38           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 11.93           | 30           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 14.06           | 35           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 12.65           | 32           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 14.22           | 36           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 11.21           | 28           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 18.46           | 46           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 18.46           | 46           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 0.00            | 0            | *    | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 19.70           | 49           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 0.00            | 0            | *    | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 20.49           | 51           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 21.14           | 53           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 19.12           | 48           |      | 10         | 140  |
| P4019-11DL    | DDCE6DL   | BN034349.D | 1,4-Dioxane-d8                | 8              | 6.18            | 77           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 12.58           | 31           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 17.18           | 43           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 19.22           | 48           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 19.18           | 48           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 14.62           | 37           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 16.96           | 42           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 15.52           | 39           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 15.30           | 38           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 6.68            | 17           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 20.54           | 51           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 20.96           | 52           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 0.00            | 0            | *    | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 22.46           | 56           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 0.00            | 0            | *    | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 22.64           | 57           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 23.76           | 59           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 20.06           | 50           |      | 10         | 140  |

## Surrogate Summary

SW-846

SDG No.: BN100224

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4084-08      | DCYM6     | BN034382.D | 1,4-Dioxane-d8                | 8              | 2.67            | 33           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 3.42            | 9            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 13.16           | 33           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 13.68           | 34           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 15.04           | 38           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 12.97           | 32           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 16.15           | 40           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 14.51           | 36           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 15.34           | 38           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 12.27           | 31           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 16.49           | 41           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 18.12           | 45           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 7.60            | 19           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 18.24           | 46           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 7.52            | 19           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 18.98           | 47           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 18.52           | 46           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 19.28           | 48           |      | 10         | 140  |
| P4084-09      | DCYM7     | BN034381.D | 1,4-Dioxane-d8                | 8              | 2.26            | 28           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 4.09            | 10           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 9.99            | 25           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 10.23           | 26           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 11.55           | 29           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 9.78            | 24           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 12.19           | 30           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 11.65           | 29           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 11.82           | 30           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 10.09           | 25           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 12.87           | 32           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 13.42           | 34           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 4.79            | 12           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 13.72           | 34           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 6.08            | 15           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 14.02           | 35           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 14.34           | 36           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 14.14           | 35           |      | 10         | 140  |
| P4084-10      | DCYM8     | BN034383.D | 1,4-Dioxane-d8                | 8              | 2.43            | 30           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 1.82            | 5            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 11.05           | 28           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 11.69           | 29           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 12.91           | 32           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 10.60           | 26           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 13.89           | 35           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 12.35           | 31           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 13.17           | 33           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 9.69            | 24           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 14.00           | 35           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 15.38           | 38           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 5.12            | 13           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: **BN100224**

Client: \_\_\_\_\_

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4084-10      | DCYM8     | BN034383.D | Fluorene-d10                  | 40             | 15.41           | 39           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 6.41            | 16           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 15.83           | 40           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 16.16           | 40           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 16.08           | 40           |      | 10         | 140  |
| P4084-11      | DCYM9     | BN034384.D | 1,4-Dioxane-d8                | 8              | 2.98            | 37           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 10.93           | 27           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 13.53           | 34           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 13.54           | 34           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 15.40           | 39           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 13.27           | 33           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 16.62           | 42           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 16.44           | 41           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 16.00           | 40           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 15.24           | 38           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 17.81           | 45           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 18.40           | 46           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 9.51            | 24           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 18.73           | 47           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 9.64            | 24           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 19.18           | 48           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 19.11           | 48           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 19.39           | 48           |      | 10         | 140  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 2.28            | 29           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 2.99            | 7            | *    | 20         | 120  |
| P4084-14      | DCYN2     | BN034385.D | Phenol-d5                     | 40             | 12.48           | 31           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 12.33           | 31           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 13.43           | 34           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 12.59           | 31           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 15.44           | 39           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 14.32           | 36           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 15.13           | 38           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 11.54           | 29           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 16.03           | 40           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 17.02           | 43           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 7.90            | 20           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 17.97           | 45           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 8.91            | 22           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 18.66           | 47           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 18.25           | 46           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 18.53           | 46           |      | 10         | 140  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 2.57            | 32           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 4.08            | 10           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 13.59           | 34           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 13.85           | 35           |      | 10         | 150  |
| P4084-15      | DCYN3     | BN034386.D | 2-Chlorophenol-d4             | 40             | 15.12           | 38           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 13.85           | 35           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 16.71           | 42           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 16.67           | 42           |      | 10         | 120  |
|               |           |            |                               |                |                 |              |      |            |      |

## Surrogate Summary

SW-846

SDG No.: BN100224

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P4084-15      | DCYN3      | BN034386.D | 2,4-Dichlorophenol-d3         | 40             | 16.47           | 41           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 14.52           | 36           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 18.13           | 45           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 19.08           | 48           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 8.98            | 22           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 19.62           | 49           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 10.75           | 27           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 20.33           | 51           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 19.85           | 50           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 20.41           | 51           |      | 10         | 140  |
| PB163635BL    | PB163635BL | BN034374.D | 1,4-Dioxane-d8                | 8              | 5.89            | 74           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 23.11           | 58           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 22.80           | 57           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 22.54           | 56           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 26.68           | 67           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 21.93           | 55           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 26.96           | 67           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 27.35           | 68           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 25.90           | 65           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 23.74           | 59           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 25.21           | 63           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 27.44           | 69           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 13.75           | 34           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 26.37           | 66           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 15.72           | 39           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 27.17           | 68           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 26.89           | 67           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 28.38           | 71           |      | 10         | 140  |
| PB163635BS    | PB163635BS | BN034387.D | 1,4-Dioxane-d8                | 8              | 5.06            | 63           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 21.49           | 54           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 21.93           | 55           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 21.76           | 54           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 25.43           | 64           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 21.14           | 53           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 26.28           | 66           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 27.22           | 68           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 26.60           | 66           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 23.13           | 58           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 24.61           | 62           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 25.50           | 64           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 20.98           | 52           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 24.66           | 62           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 24.69           | 62           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 25.52           | 64           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 26.27           | 66           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 26.36           | 66           |      | 10         | 140  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN100224

Lab Code: CHEM

SAS No.: BN100224

SDG NO.: BN100224

Lab File ID: BN034332.D

DFTPP Injection Date: 10/02/2024

Instrument ID: BNA\_N

DFTPP Injection Time: 11:43

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 32.9                 |
| 68  | Less than 2.0% of mass 69          | 0.6 ( 1.7 ) 1        |
| 69  | Mass 69 relative abundance         | 35.3                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 46.1                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.9                  |
| 275 | 10.0 - 60.0% of mass 198           | 28.3                 |
| 365 | Greater than 1% of mass 198        | 3.6                  |
| 441 | Present, but less than mass 443    | 12.7                 |
| 442 | Greater than 50% of mass 198       | 82.9                 |
| 443 | 15.0 - 24.0% of mass 442           | 15.1 ( 18.3 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTD020327        | SSTDCCC020       | BN034333.D     | 10/02/2024       | 12:22            |
| SBLK456           | PB163456BL       | BN034334.D     | 10/02/2024       | 13:01            |
| DCVW4             | P4016-13         | BN034335.D     | 10/02/2024       | 13:40            |
| DCVW5             | P4016-14         | BN034336.D     | 10/02/2024       | 14:20            |
| DDC20             | P4016-15         | BN034337.D     | 10/02/2024       | 14:59            |
| DDC21             | P4016-16         | BN034338.D     | 10/02/2024       | 15:38            |
| DDC22             | P4016-17         | BN034339.D     | 10/02/2024       | 16:18            |
| DDC23             | P4016-18         | BN034340.D     | 10/02/2024       | 16:57            |
| DDC23MS           | P4016-19MS       | BN034341.D     | 10/02/2024       | 17:36            |
| DDC23MSD          | P4016-20MSD      | BN034342.D     | 10/02/2024       | 18:15            |
| DDC24             | P4016-21         | BN034343.D     | 10/02/2024       | 18:55            |
| DDC25             | P4016-22         | BN034344.D     | 10/02/2024       | 19:34            |
| SLCS456           | PB163456BS       | BN034345.D     | 10/02/2024       | 20:13            |
| SSTD020328        | SSTDCCC020       | BN034346.D     | 10/02/2024       | 21:32            |
| SBLK513           | PB163513BL       | BN034347.D     | 10/02/2024       | 22:50            |
| DDCA9DL2          | P4019-06DL2      | BN034348.D     | 10/02/2024       | 23:29            |
| DDCE6DL           | P4019-11DL       | BN034349.D     | 10/03/2024       | 00:08            |
| DDC40             | P4017-01         | BN034350.D     | 10/03/2024       | 00:48            |

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN100224

Lab Code: CHEM

SAS No.: BN100224

SDG NO.: BN100224

Lab File ID: BN034332.D

DFTPP Injection Date: 10/02/2024

Instrument ID: BNA\_N

DFTPP Injection Time: 11:43

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 32.9                 |
| 68  | Less than 2.0% of mass 69          | 0.6 ( 1.7 ) 1        |
| 69  | Mass 69 relative abundance         | 35.3                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 46.1                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.9                  |
| 275 | 10.0 - 60.0% of mass 198           | 28.3                 |
| 365 | Greater than 1% of mass 198        | 3.6                  |
| 441 | Present, but less than mass 443    | 12.7                 |
| 442 | Greater than 50% of mass 198       | 82.9                 |
| 443 | 15.0 - 24.0% of mass 442           | 15.1 ( 18.3 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| DDC43             | P4017-04         | BN034351.D     | 10/03/2024       | 01:27            |
| DDC44             | P4017-05         | BN034352.D     | 10/03/2024       | 02:06            |
| DDC85             | P4017-10         | BN034353.D     | 10/03/2024       | 02:46            |
| DDC94             | P4017-12         | BN034354.D     | 10/03/2024       | 03:25            |
| DDC95             | P4017-13         | BN034355.D     | 10/03/2024       | 04:04            |
| DDC97             | P4017-15         | BN034356.D     | 10/03/2024       | 04:44            |
| DDC98             | P4017-16         | BN034357.D     | 10/03/2024       | 05:23            |
| DDCD4             | P4017-18         | BN034358.D     | 10/03/2024       | 06:02            |
| SSTD020329        | SSTDCCC020       | BN034359.D     | 10/03/2024       | 07:21            |
| SBLK489           | PB163489BL       | BN034360.D     | 10/03/2024       | 08:00            |
| DDCD7             | P4017-21         | BN034361.D     | 10/03/2024       | 08:39            |
| DDCD8             | P4017-22         | BN034362.D     | 10/03/2024       | 09:19            |
| DDCA2DL           | P4018-04DL       | BN034363.D     | 10/03/2024       | 09:58            |
| DDC20DL           | P4016-15DL       | BN034364.D     | 10/03/2024       | 10:37            |
| DDC21DL           | P4016-16DL       | BN034365.D     | 10/03/2024       | 11:17            |
| DDC22DL           | P4016-17DL       | BN034366.D     | 10/03/2024       | 11:56            |
| DDC23DL           | P4016-18DL       | BN034367.D     | 10/03/2024       | 12:35            |
| DDC24DL           | P4016-21DL       | BN034368.D     | 10/03/2024       | 13:14            |

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN100224

Lab Code: CHEM

SAS No.: BN100224 SDG NO.: BN100224

Lab File ID: BN034332.D

DFTPP Injection Date: 10/02/2024

Instrument ID: BNA\_N

DFTPP Injection Time: 11:43

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 32.9                 |
| 68  | Less than 2.0% of mass 69          | 0.6 ( 1.7 ) 1        |
| 69  | Mass 69 relative abundance         | 35.3                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 46.1                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.9                  |
| 275 | 10.0 - 60.0% of mass 198           | 28.3                 |
| 365 | Greater than 1% of mass 198        | 3.6                  |
| 441 | Present, but less than mass 443    | 12.7                 |
| 442 | Greater than 50% of mass 198       | 82.9                 |
| 443 | 15.0 - 24.0% of mass 442           | 15.1 ( 18.3 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| DDC24DL2          | P4016-21DL2      | BN034369.D     | 10/03/2024       | 13:54            |
| DDC40DL           | P4017-01DL       | BN034370.D     | 10/03/2024       | 14:33            |
| DDC43DL           | P4017-04DL       | BN034371.D     | 10/03/2024       | 15:12            |
| DDC43DL2          | P4017-04DL2      | BN034372.D     | 10/03/2024       | 15:52            |
| SSTD020330        | SSTDCCC020       | BN034373.D     | 10/03/2024       | 16:31            |
| SBLK635           | PB163635BL       | BN034374.D     | 10/03/2024       | 17:13            |
| DDC95DL           | P4017-13DL       | BN034375.D     | 10/03/2024       | 17:52            |
| DDC95DL2          | P4017-13DL2      | BN034376.D     | 10/03/2024       | 18:31            |
| DDCD7DL           | P4017-21DL       | BN034377.D     | 10/03/2024       | 19:11            |
| DDCD7DL2          | P4017-21DL2      | BN034378.D     | 10/03/2024       | 19:50            |
| DDC85DL           | P4017-10DL       | BN034379.D     | 10/03/2024       | 20:29            |
| DDC94DL           | P4017-12DL       | BN034380.D     | 10/03/2024       | 21:09            |
| DCYM7             | P4084-09         | BN034381.D     | 10/03/2024       | 21:48            |
| DCYM6             | P4084-08         | BN034382.D     | 10/03/2024       | 22:27            |
| DCYM8             | P4084-10         | BN034383.D     | 10/03/2024       | 23:07            |
| DCYM9             | P4084-11         | BN034384.D     | 10/03/2024       | 23:46            |
| DCYN2             | P4084-14         | BN034385.D     | 10/04/2024       | 00:25            |
| DCYN3             | P4084-15         | BN034386.D     | 10/04/2024       | 01:05            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN100224

Lab Code: CHEM

SAS No.: BN100224

SDG NO.: BN100224

Lab File ID: BN034332.D

DFTPP Injection Date: 10/02/2024

Instrument ID: BNA\_N

DFTPP Injection Time: 11:43

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 32.9                 |
| 68  | Less than 2.0% of mass 69          | 0.6 ( 1.7 ) 1        |
| 69  | Mass 69 relative abundance         | 35.3                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 46.1                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.9                  |
| 275 | 10.0 - 60.0% of mass 198           | 28.3                 |
| 365 | Greater than 1% of mass 198        | 3.6                  |
| 441 | Present, but less than mass 443    | 12.7                 |
| 442 | Greater than 50% of mass 198       | 82.9                 |
| 443 | 15.0 - 24.0% of mass 442           | 15.1 ( 18.3 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SLCS635           | PB163635BS       | BN034387.D     | 10/04/2024       | 01:44            |
| SSTD020331        | SSTDCCC020EC     | BN034388.D     | 10/04/2024       | 03:02            |