

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BP083024 SAS No.: BP083024 SDG No.: BP083024

Instrument ID: BNA\_P Calibration Date/Time: 8/30/2024 11:05

Lab File ID: BP021749.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020750 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-----------------------------|-------|--------|------------|----------|-------|
| 1,4-Dioxane                 | 0.640 | 0.634  | 0.010      | -0.948   | 40.0  |
| Benzaldehyde                | 1.092 | 1.298  | 0.010      | 18.92    | 40.0  |
| Pyridine                    | 1.741 | 1.725  | 0.010      | -0.9044  | 40.0  |
| Phenol                      | 2.226 | 2.137  | 0.080      | -3.9929  | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.730 | 1.675  | 0.100      | -3.1818  | 20.0  |
| 2-Chlorophenol              | 1.446 | 1.460  | 0.200      | 0.9544   | 20.0  |
| 2-Methylphenol              | 1.606 | 1.533  | 0.010      | -4.5316  | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 1.670 | 1.629  | 0.010      | -2.4456  | 40.0  |
| Acetophenone                | 2.644 | 2.495  | 0.060      | -5.6589  | 20.0  |
| 4-Methylphenol              | 1.758 | 1.663  | 0.010      | -5.4056  | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.248 | 1.143  | 0.050      | -8.4036  | 30.0  |
| Hexachloroethane            | 0.647 | 0.661  | 0.100      | 2.1387   | 20.0  |
| Nitrobenzene                | 0.449 | 0.463  | 0.050      | 3.1275   | 25.0  |
| Isophorone                  | 0.900 | 0.863  | 0.050      | -4.1322  | 25.0  |
| 2-Nitrophenol               | 0.181 | 0.194  | 0.050      | 7.3903   | 25.0  |
| 2,4-Dimethylphenol          | 0.444 | 0.451  | 0.050      | 1.5583   | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.565 | 0.558  | 0.050      | -1.1984  | 20.0  |
| 2,4-Dichlorophenol          | 0.323 | 0.334  | 0.060      | 3.2859   | 20.0  |
| Naphthalene                 | 1.127 | 1.139  | 0.200      | 1.0506   | 20.0  |
| 4-Chloroaniline             | 0.473 | 0.468  | 0.010      | -1.0024  | 40.0  |
| Hexachlorobutadiene         | 0.217 | 0.222  | 0.040      | 2.3486   | 30.0  |
| Caprolactam                 | 0.137 | 0.127  | 0.010      | -7.17    | 40.0  |
| 4-Chloro-3-methylphenol     | 0.428 | 0.427  | 0.040      | -0.1652  | 25.0  |
| 1-Methylnaphthalene         | 0.767 | 0.761  | 0.100      | -0.7722  | 20.0  |
| 2-Methylnaphthalene         | 0.762 | 0.753  | 0.100      | -1.2613  | 20.0  |
| Hexachlorocyclopentadiene   | 0.362 | 0.262  | 0.010      | -27.5472 | 40.0  |
| 2,4,6-Trichlorophenol       | 0.406 | 0.418  | 0.090      | 2.8852   | 25.0  |
| 2,4,5-Trichlorophenol       | 0.438 | 0.456  | 0.100      | 4.0437   | 25.0  |
| 1,1-Biphenyl                | 1.513 | 1.545  | 0.200      | 2.0902   | 20.0  |
| 2-Chloronaphthalene         | 1.186 | 1.197  | 0.300      | 0.9022   | 20.0  |
| 2-Nitroaniline              | 0.372 | 0.395  | 0.050      | 6.2765   | 40.0  |
| Dimethylphthalate           | 1.532 | 1.524  | 0.300      | -0.5225  | 20.0  |
| 2,6-Dinitrotoluene          | 0.283 | 0.300  | 0.080      | 6.2969   | 30.0  |
| Acenaphthylene              | 1.848 | 1.872  | 0.400      | 1.3033   | 20.0  |
| 3-Nitroaniline              | 0.309 | 0.335  | 0.010      | 8.5427   | 40.0  |
| Acenaphthene                | 1.300 | 1.307  | 0.200      | 0.5947   | 20.0  |
| 2,4-Dinitrophenol           | 0.169 | 0.148  | 0.010      | -12.3348 | 40.0  |
| 4-Nitrophenol               | 0.267 | 0.270  | 0.010      | 1.3588   | 40.0  |
| Dibenzofuran                | 1.798 | 1.819  | 0.300      | 1.1703   | 20.0  |

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BP083024 SAS No.: BP083024 SDG No.: BP083024  
Instrument ID: BNA\_P Calibration Date/Time: 8/30/2024 11:05  
Lab File ID: BP021749.D Init. Calib. Date(s): \_\_\_\_\_  
EPA Sample No.: SSTD020750 Init. Calib. Time(s): \_\_\_\_\_  
GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-------------------------------|-------|--------|------------|---------|-------|
| 2,4-Dinitrotoluene            | 0.425 | 0.445  | 0.070      | 4.7435  | 30.0  |
| Diethylphthalate              | 1.539 | 1.544  | 0.300      | 0.3105  | 20.0  |
| Fluorene                      | 1.454 | 1.469  | 0.200      | 1.0     | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.731 | 0.728  | 0.100      | -0.3908 | 20.0  |
| 4-Nitroaniline                | 0.298 | 0.340  | 0.010      | 13.9394 | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.123 | 0.119  | 0.010      | -3.1786 | 40.0  |
| N-Nitrosodiphenylamine        | 0.588 | 0.599  | 0.050      | 1.8111  | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.630 | 0.650  | 0.100      | 3.1484  | 20.0  |
| 4-Bromophenyl-phenylether     | 0.221 | 0.216  | 0.070      | -2.3234 | 20.0  |
| Hexachlorobenzene             | 0.262 | 0.256  | 0.050      | -2.3479 | 25.0  |
| Atrazine                      | 0.223 | 0.229  | 0.010      | 2.3934  | 25.0  |
| Pentachlorophenol             | 0.168 | 0.164  | 0.010      | -2.2019 | 40.0  |
| Phenanthrene                  | 1.098 | 1.114  | 0.200      | 1.4163  | 20.0  |
| Pentachlorobenzene            | 0.308 | 0.308  | 0.050      | 0.0525  | 20.0  |
| Anthracene                    | 1.112 | 1.136  | 0.200      | 2.1542  | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.297 | 0.309  | 0.050      | 3.7855  | 20.0  |
| Carbazole                     | 1.000 | 1.047  | 0.050      | 4.615   | 40.0  |
| Di-n-butylphthalate           | 1.218 | 1.263  | 0.500      | 3.6792  | 25.0  |
| Fluoranthene                  | 1.334 | 1.348  | 0.400      | 1.0252  | 25.0  |
| Pyrene                        | 1.413 | 1.457  | 0.400      | 3.1153  | 25.0  |
| Butylbenzylphthalate          | 0.579 | 0.621  | 0.100      | 7.3208  | 40.0  |
| 3,3-Dichlorobenzidine         | 0.504 | 0.504  | 0.010      | -0.0431 | 40.0  |
| Benzo (a) anthracene          | 1.423 | 1.440  | 0.300      | 1.2358  | 30.0  |
| Chrysene                      | 1.339 | 1.330  | 0.200      | -0.6939 | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.854 | 0.892  | 0.200      | 4.5198  | 40.0  |
| Di-n-octyl phthalate          | 1.266 | 1.303  | 0.010      | 2.9147  | 40.0  |
| Benzo (b) fluoranthene        | 1.251 | 1.249  | 0.200      | -0.1802 | 25.0  |
| Benzo (k) fluoranthene        | 1.225 | 1.233  | 0.200      | 0.6112  | 25.0  |
| Benzo (a) pyrene              | 1.153 | 1.147  | 0.200      | -0.5073 | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.487 | 1.498  | 0.200      | 0.7823  | 25.0  |
| Dibenzo (a,h) anthracene      | 1.195 | 1.214  | 0.200      | 1.6264  | 30.0  |
| Benzo (g,h,i) perylene        | 1.149 | 1.164  | 0.200      | 1.2987  | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.378 | 0.385  | 0.040      | 1.9993  | 20.0  |
| 1,4-Dioxane-d8                | 0.602 | 0.608  | 0.010      | 0.9207  | 25.0  |
| Pyridine-d5                   | 1.742 | 1.749  | 0.010      | 0.364   | 40.0  |
| Phenol-d5                     | 2.134 | 2.060  | 0.010      | -3.4968 | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.162 | 1.123  | 0.050      | -3.358  | 25.0  |
| 2-Chlorophenol-d4             | 1.378 | 1.402  | 0.200      | 1.7572  | 20.0  |
| 4-Methylphenol-d8             | 1.649 | 1.552  | 0.010      | -5.9011 | 20.0  |

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BP083024 SAS No.: BP083024 SDG No.: BP083024

Instrument ID: BNA\_P Calibration Date/Time: 8/30/2024 11:05

Lab File ID: BP021749.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020750 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-------------------------------|-------|--------|------------|---------|-------|
| Nitrobenzene-d5               | 0.161 | 0.166  | 0.050      | 3.3881  | 20.0  |
| 2-Nitrophenol-d4              | 0.163 | 0.177  | 0.050      | 8.1229  | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.322 | 0.333  | 0.060      | 3.4385  | 20.0  |
| 4-Chloroaniline-d4            | 0.468 | 0.460  | 0.010      | -1.8012 | 40.0  |
| Dimethylphthalate-d6          | 1.530 | 1.528  | 0.300      | -0.1496 | 20.0  |
| Acenaphthylene-d8             | 1.718 | 1.751  | 0.400      | 1.9003  | 20.0  |
| 4-Nitrophenol-d4              | 0.291 | 0.292  | 0.010      | 0.4377  | 40.0  |
| Fluorene-d10                  | 1.287 | 1.280  | 0.100      | -0.4798 | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.110 | 0.106  | 0.010      | -3.6872 | 40.0  |
| Anthracene-d10                | 0.949 | 0.951  | 0.300      | 0.2289  | 20.0  |
| Pyrene-d10                    | 1.143 | 1.158  | 0.300      | 1.2731  | 25.0  |
| Benzo(a)pyrene-d12            | 1.066 | 1.071  | 0.010      | 0.4077  | 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.: BP083024 SAS No.: BP083024 SDG No.: BP083024

Instrument ID: BNA\_P Calibration Date/Time: 8/30/2024 1:16:17

Lab File ID: BP021755.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020751 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.640 | 0.659  | 0.010   | 2.9059   | 40.0  |
| Benzaldehyde                | 1.092 | 1.330  | 0.010   | 21.8597  | 40.0  |
| Pyridine                    | 1.741 | 1.771  | 0.010   | 1.7159   | 40.0  |
| Phenol                      | 2.226 | 2.204  | 0.080   | -0.96    | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.730 | 1.690  | 0.100   | -2.2963  | 20.0  |
| 2-Chlorophenol              | 1.446 | 1.484  | 0.200   | 2.6003   | 20.0  |
| 2-Methylphenol              | 1.606 | 1.541  | 0.010   | -4.023   | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 1.670 | 1.640  | 0.010   | -1.761   | 40.0  |
| Acetophenone                | 2.644 | 2.572  | 0.060   | -2.7476  | 20.0  |
| 4-Methylphenol              | 1.758 | 1.694  | 0.010   | -3.6325  | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.248 | 1.162  | 0.050   | -6.8592  | 30.0  |
| Hexachloroethane            | 0.647 | 0.670  | 0.100   | 3.6155   | 20.0  |
| Nitrobenzene                | 0.449 | 0.464  | 0.050   | 3.5208   | 25.0  |
| Isophorone                  | 0.900 | 0.853  | 0.050   | -5.2305  | 25.0  |
| 2-Nitrophenol               | 0.181 | 0.195  | 0.050   | 7.8355   | 25.0  |
| 2,4-Dimethylphenol          | 0.444 | 0.447  | 0.050   | 0.7369   | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.565 | 0.558  | 0.050   | -1.216   | 20.0  |
| 2,4-Dichlorophenol          | 0.323 | 0.332  | 0.060   | 2.5442   | 20.0  |
| Naphthalene                 | 1.127 | 1.157  | 0.200   | 2.6827   | 20.0  |
| 4-Chloroaniline             | 0.473 | 0.472  | 0.010   | -0.2361  | 40.0  |
| Hexachlorobutadiene         | 0.217 | 0.220  | 0.040   | 1.2673   | 30.0  |
| Caprolactam                 | 0.137 | 0.127  | 0.010   | -7.3717  | 40.0  |
| 4-Chloro-3-methylphenol     | 0.428 | 0.433  | 0.040   | 1.1245   | 25.0  |
| 1-Methylnaphthalene         | 0.767 | 0.756  | 0.100   | -1.4115  | 20.0  |
| 2-Methylnaphthalene         | 0.762 | 0.755  | 0.100   | -1.0265  | 20.0  |
| Hexachlorocyclopentadiene   | 0.362 | 0.304  | 0.010   | -15.8223 | 40.0  |
| 2,4,6-Trichlorophenol       | 0.406 | 0.415  | 0.090   | 2.3701   | 25.0  |
| 2,4,5-Trichlorophenol       | 0.438 | 0.450  | 0.100   | 2.7893   | 25.0  |
| 1,1-Biphenyl                | 1.513 | 1.539  | 0.200   | 1.6895   | 20.0  |
| 2-Chloronaphthalene         | 1.186 | 1.212  | 0.300   | 2.1151   | 20.0  |
| 2-Nitroaniline              | 0.372 | 0.396  | 0.050   | 6.5458   | 40.0  |
| Dimethylphthalate           | 1.532 | 1.519  | 0.300   | -0.8919  | 20.0  |
| 2,6-Dinitrotoluene          | 0.283 | 0.294  | 0.080   | 3.9187   | 30.0  |
| Acenaphthylene              | 1.848 | 1.889  | 0.400   | 2.225    | 20.0  |
| 3-Nitroaniline              | 0.309 | 0.330  | 0.010   | 6.818    | 40.0  |
| Acenaphthene                | 1.300 | 1.318  | 0.200   | 1.3926   | 20.0  |
| 2,4-Dinitrophenol           | 0.169 | 0.143  | 0.010   | -15.6403 | 40.0  |
| 4-Nitrophenol               | 0.267 | 0.272  | 0.010   | 1.9858   | 40.0  |
| Dibenzofuran                | 1.798 | 1.813  | 0.300   | 0.8447   | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BP083024 SAS No.: BP083024 SDG No.: BP083024

Instrument ID: BNA\_P Calibration Date/Time: 8/30/2024 1:16:17

Lab File ID: BP021755.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020751 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D      | MAX%D |
|-------------------------------|-------|--------|---------|---------|-------|
| 2,4-Dinitrotoluene            | 0.425 | 0.447  | 0.070   | 5.1744  | 30.0  |
| Diethylphthalate              | 1.539 | 1.489  | 0.300   | -3.234  | 20.0  |
| Fluorene                      | 1.454 | 1.462  | 0.200   | 0.5741  | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.731 | 0.721  | 0.100   | -1.3035 | 20.0  |
| 4-Nitroaniline                | 0.298 | 0.346  | 0.010   | 15.7931 | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.123 | 0.114  | 0.010   | -7.2812 | 40.0  |
| N-Nitrosodiphenylamine        | 0.588 | 0.594  | 0.050   | 0.8981  | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.630 | 0.644  | 0.100   | 2.1654  | 20.0  |
| 4-Bromophenyl-phenylether     | 0.221 | 0.214  | 0.070   | -2.8853 | 20.0  |
| Hexachlorobenzene             | 0.262 | 0.254  | 0.050   | -2.9115 | 25.0  |
| Atrazine                      | 0.223 | 0.217  | 0.010   | -2.6939 | 25.0  |
| Pentachlorophenol             | 0.168 | 0.161  | 0.010   | -4.2735 | 40.0  |
| Phenanthrene                  | 1.098 | 1.107  | 0.200   | 0.8222  | 20.0  |
| Pentachlorobenzene            | 0.308 | 0.306  | 0.050   | -0.857  | 20.0  |
| Anthracene                    | 1.112 | 1.116  | 0.200   | 0.2902  | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.297 | 0.306  | 0.050   | 2.7748  | 20.0  |
| Carbazole                     | 1.000 | 1.043  | 0.050   | 4.2554  | 40.0  |
| Di-n-butylphthalate           | 1.218 | 1.227  | 0.500   | 0.7925  | 25.0  |
| Fluoranthene                  | 1.334 | 1.336  | 0.400   | 0.1462  | 25.0  |
| Pyrene                        | 1.413 | 1.431  | 0.400   | 1.2551  | 25.0  |
| Butylbenzylphthalate          | 0.579 | 0.589  | 0.100   | 1.7757  | 40.0  |
| 3,3-Dichlorobenzidine         | 0.504 | 0.492  | 0.010   | -2.3632 | 40.0  |
| Benzo (a) anthracene          | 1.423 | 1.435  | 0.300   | 0.876   | 30.0  |
| Chrysene                      | 1.339 | 1.352  | 0.200   | 0.9534  | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.854 | 0.845  | 0.200   | -1.001  | 40.0  |
| Di-n-octyl phthalate          | 1.266 | 1.233  | 0.010   | -2.5853 | 40.0  |
| Benzo (b) fluoranthene        | 1.251 | 1.267  | 0.200   | 1.2734  | 25.0  |
| Benzo (k) fluoranthene        | 1.225 | 1.232  | 0.200   | 0.5497  | 25.0  |
| Benzo (a) pyrene              | 1.153 | 1.152  | 0.200   | -0.0977 | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.487 | 1.480  | 0.200   | -0.4185 | 25.0  |
| Dibenzo (a,h) anthracene      | 1.195 | 1.196  | 0.200   | 0.1395  | 30.0  |
| Benzo (g,h,i) perylene        | 1.149 | 1.160  | 0.200   | 1.023   | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.378 | 0.382  | 0.040   | 1.2173  | 20.0  |
| 1,4-Dioxane-d8                | 0.602 | 0.624  | 0.010   | 3.5985  | 25.0  |
| Pyridine-d5                   | 1.742 | 1.793  | 0.010   | 2.9125  | 40.0  |
| Phenol-d5                     | 2.134 | 2.095  | 0.010   | -1.8598 | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.162 | 1.128  | 0.050   | -2.9295 | 25.0  |
| 2-Chlorophenol-d4             | 1.378 | 1.412  | 0.200   | 2.4641  | 20.0  |
| 4-Methylphenol-d8             | 1.649 | 1.581  | 0.010   | -4.1614 | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BP083024 SAS No.: BP083024 SDG No.: BP083024

Instrument ID: BNA\_P Calibration Date/Time: 8/30/2024 1:16:17

Lab File ID: BP021755.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020751 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D      | MAX%D |
|-------------------------------|-------|--------|---------|---------|-------|
| Nitrobenzene-d5               | 0.161 | 0.168  | 0.050   | 4.3864  | 20.0  |
| 2-Nitrophenol-d4              | 0.163 | 0.177  | 0.050   | 8.5518  | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.322 | 0.330  | 0.060   | 2.4731  | 20.0  |
| 4-Chloroaniline-d4            | 0.468 | 0.464  | 0.010   | -0.8103 | 40.0  |
| Dimethylphthalate-d6          | 1.530 | 1.503  | 0.300   | -1.7899 | 20.0  |
| Acenaphthylene-d8             | 1.718 | 1.745  | 0.400   | 1.5394  | 20.0  |
| 4-Nitrophenol-d4              | 0.291 | 0.292  | 0.010   | 0.3764  | 40.0  |
| Fluorene-d10                  | 1.287 | 1.269  | 0.100   | -1.4029 | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.110 | 0.101  | 0.010   | -8.4775 | 40.0  |
| Anthracene-d10                | 0.949 | 0.939  | 0.300   | -1.0531 | 20.0  |
| Pyrene-d10                    | 1.143 | 1.151  | 0.300   | 0.6771  | 25.0  |
| Benzo(a)pyrene-d12            | 1.066 | 1.069  | 0.010   | 0.2599  | 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.: BP083024 SAS No.: BP083024 SDG No.: BP083024

Instrument ID: BNA\_P Calibration Date/Time: 8/31/2024 1:03:11

Lab File ID: BP021769.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020752 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.640 | 0.670  | 0.010   | 4.6958   | 40.0  |
| Benzaldehyde                | 1.092 | 1.291  | 0.010   | 18.287   | 40.0  |
| Pyridine                    | 1.741 | 1.773  | 0.010   | 1.813    | 40.0  |
| Phenol                      | 2.226 | 2.144  | 0.080   | -3.65    | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.730 | 1.658  | 0.100   | -4.1797  | 20.0  |
| 2-Chlorophenol              | 1.446 | 1.460  | 0.200   | 0.9614   | 20.0  |
| 2-Methylphenol              | 1.606 | 1.498  | 0.010   | -6.6668  | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 1.670 | 1.606  | 0.010   | -3.8307  | 40.0  |
| Acetophenone                | 2.644 | 2.505  | 0.060   | -5.2687  | 20.0  |
| 4-Methylphenol              | 1.758 | 1.642  | 0.010   | -6.572   | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.248 | 1.139  | 0.050   | -8.7034  | 30.0  |
| Hexachloroethane            | 0.647 | 0.653  | 0.100   | 0.9564   | 20.0  |
| Nitrobenzene                | 0.449 | 0.464  | 0.050   | 3.4748   | 25.0  |
| Isophorone                  | 0.900 | 0.845  | 0.050   | -6.0953  | 25.0  |
| 2-Nitrophenol               | 0.181 | 0.188  | 0.050   | 3.9136   | 25.0  |
| 2,4-Dimethylphenol          | 0.444 | 0.454  | 0.050   | 2.2074   | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.565 | 0.545  | 0.050   | -3.3998  | 20.0  |
| 2,4-Dichlorophenol          | 0.323 | 0.325  | 0.060   | 0.4098   | 20.0  |
| Naphthalene                 | 1.127 | 1.133  | 0.200   | 0.5134   | 20.0  |
| 4-Chloroaniline             | 0.473 | 0.462  | 0.010   | -2.2536  | 40.0  |
| Hexachlorobutadiene         | 0.217 | 0.221  | 0.040   | 1.8338   | 30.0  |
| Caprolactam                 | 0.137 | 0.119  | 0.010   | -12.8135 | 40.0  |
| 4-Chloro-3-methylphenol     | 0.428 | 0.424  | 0.040   | -0.9493  | 25.0  |
| 1-Methylnaphthalene         | 0.767 | 0.750  | 0.100   | -2.1747  | 20.0  |
| 2-Methylnaphthalene         | 0.762 | 0.750  | 0.100   | -1.6384  | 20.0  |
| Hexachlorocyclopentadiene   | 0.362 | 0.402  | 0.010   | 11.1128  | 40.0  |
| 2,4,6-Trichlorophenol       | 0.406 | 0.411  | 0.090   | 1.2894   | 25.0  |
| 2,4,5-Trichlorophenol       | 0.438 | 0.450  | 0.100   | 2.7102   | 25.0  |
| 1,1-Biphenyl                | 1.513 | 1.547  | 0.200   | 2.2294   | 20.0  |
| 2-Chloronaphthalene         | 1.186 | 1.207  | 0.300   | 1.7414   | 20.0  |
| 2-Nitroaniline              | 0.372 | 0.391  | 0.050   | 5.1251   | 40.0  |
| Dimethylphthalate           | 1.532 | 1.520  | 0.300   | -0.8185  | 20.0  |
| 2,6-Dinitrotoluene          | 0.283 | 0.284  | 0.080   | 0.3592   | 30.0  |
| Acenaphthylene              | 1.848 | 1.880  | 0.400   | 1.7478   | 20.0  |
| 3-Nitroaniline              | 0.309 | 0.321  | 0.010   | 3.9535   | 40.0  |
| Acenaphthene                | 1.300 | 1.320  | 0.200   | 1.5655   | 20.0  |
| 2,4-Dinitrophenol           | 0.169 | 0.172  | 0.010   | 1.6746   | 40.0  |
| 4-Nitrophenol               | 0.267 | 0.276  | 0.010   | 3.4454   | 40.0  |
| Dibenzofuran                | 1.798 | 1.818  | 0.300   | 1.1448   | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BP083024 SAS No.: BP083024 SDG No.: BP083024

Instrument ID: BNA\_P Calibration Date/Time: 8/31/2024 1:03:11

Lab File ID: BP021769.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020752 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D      | MAX%D |
|-------------------------------|-------|--------|---------|---------|-------|
| 2,4-Dinitrotoluene            | 0.425 | 0.436  | 0.070   | 2.7688  | 30.0  |
| Diethylphthalate              | 1.539 | 1.508  | 0.300   | -2.002  | 20.0  |
| Fluorene                      | 1.454 | 1.468  | 0.200   | 0.9517  | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.731 | 0.730  | 0.100   | -0.0664 | 20.0  |
| 4-Nitroaniline                | 0.298 | 0.330  | 0.010   | 10.611  | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.123 | 0.112  | 0.010   | -9.1166 | 40.0  |
| N-Nitrosodiphenylamine        | 0.588 | 0.589  | 0.050   | 0.091   | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.630 | 0.653  | 0.100   | 3.5156  | 20.0  |
| 4-Bromophenyl-phenylether     | 0.221 | 0.213  | 0.070   | -3.5615 | 20.0  |
| Hexachlorobenzene             | 0.262 | 0.249  | 0.050   | -4.9698 | 25.0  |
| Atrazine                      | 0.223 | 0.221  | 0.010   | -0.9899 | 25.0  |
| Pentachlorophenol             | 0.168 | 0.154  | 0.010   | -8.3914 | 40.0  |
| Phenanthrene                  | 1.098 | 1.109  | 0.200   | 0.9605  | 20.0  |
| Pentachlorobenzene            | 0.308 | 0.300  | 0.050   | -2.5567 | 20.0  |
| Anthracene                    | 1.112 | 1.123  | 0.200   | 0.9729  | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.297 | 0.306  | 0.050   | 2.8335  | 20.0  |
| Carbazole                     | 1.000 | 1.045  | 0.050   | 4.4165  | 40.0  |
| Di-n-butylphthalate           | 1.218 | 1.190  | 0.500   | -2.3171 | 25.0  |
| Fluoranthene                  | 1.334 | 1.311  | 0.400   | -1.7136 | 25.0  |
| Pyrene                        | 1.413 | 1.437  | 0.400   | 1.724   | 25.0  |
| Butylbenzylphthalate          | 0.579 | 0.563  | 0.100   | -2.7261 | 40.0  |
| 3,3-Dichlorobenzidine         | 0.504 | 0.499  | 0.010   | -1.0204 | 40.0  |
| Benzo (a) anthracene          | 1.423 | 1.441  | 0.300   | 1.2977  | 30.0  |
| Chrysene                      | 1.339 | 1.342  | 0.200   | 0.2181  | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.854 | 0.832  | 0.200   | -2.6064 | 40.0  |
| Di-n-octyl phthalate          | 1.266 | 1.195  | 0.010   | -5.6352 | 40.0  |
| Benzo (b) fluoranthene        | 1.251 | 1.254  | 0.200   | 0.1966  | 25.0  |
| Benzo (k) fluoranthene        | 1.225 | 1.246  | 0.200   | 1.7124  | 25.0  |
| Benzo (a) pyrene              | 1.153 | 1.174  | 0.200   | 1.8065  | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.487 | 1.494  | 0.200   | 0.4977  | 25.0  |
| Dibenzo (a,h) anthracene      | 1.195 | 1.208  | 0.200   | 1.0991  | 30.0  |
| Benzo (g,h,i) perylene        | 1.149 | 1.165  | 0.200   | 1.3899  | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.378 | 0.374  | 0.040   | -0.9383 | 20.0  |
| 1,4-Dioxane-d8                | 0.602 | 0.634  | 0.010   | 5.283   | 25.0  |
| Pyridine-d5                   | 1.742 | 1.794  | 0.010   | 2.9362  | 40.0  |
| Phenol-d5                     | 2.134 | 2.033  | 0.010   | -4.7459 | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.162 | 1.118  | 0.050   | -3.7514 | 25.0  |
| 2-Chlorophenol-d4             | 1.378 | 1.360  | 0.200   | -1.3187 | 20.0  |
| 4-Methylphenol-d8             | 1.649 | 1.531  | 0.010   | -7.201  | 20.0  |



7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BP083024 SAS No.: BP083024 SDG No.: BP083024

Instrument ID: BNA\_P Calibration Date/Time: 8/31/2024 1:03:11

Lab File ID: BP021769.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020752 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-------------------------------|-------|--------|---------|----------|-------|
| Nitrobenzene-d5               | 0.161 | 0.166  | 0.050   | 3.3972   | 20.0  |
| 2-Nitrophenol-d4              | 0.163 | 0.167  | 0.050   | 2.0147   | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.322 | 0.321  | 0.060   | -0.3935  | 20.0  |
| 4-Chloroaniline-d4            | 0.468 | 0.456  | 0.010   | -2.6324  | 40.0  |
| Dimethylphthalate-d6          | 1.530 | 1.485  | 0.300   | -2.9749  | 20.0  |
| Acenaphthylene-d8             | 1.718 | 1.727  | 0.400   | 0.4924   | 20.0  |
| 4-Nitrophenol-d4              | 0.291 | 0.286  | 0.010   | -1.63    | 40.0  |
| Fluorene-d10                  | 1.287 | 1.297  | 0.100   | 0.8371   | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.110 | 0.098  | 0.010   | -10.5717 | 40.0  |
| Anthracene-d10                | 0.949 | 0.933  | 0.300   | -1.7403  | 20.0  |
| Pyrene-d10                    | 1.143 | 1.147  | 0.300   | 0.3677   | 25.0  |
| Benzo(a)pyrene-d12            | 1.066 | 1.062  | 0.010   | -0.4249  | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/27/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/27/2024 12:00:00 AM |
| Client Sample ID:  | SBLK016      | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163016BL   | 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 |
| BP021750.D        | 1         | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163016      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 11    | U         | 11  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 45    | U         | 45  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 33    | U         | 33  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 43    | U         | 43  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 40    | U         | 40  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 23    | U         | 23  | 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) | 60    | U         | 60  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 40    | U         | 40  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 37    | U         | 37  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 51    | U         | 51  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 18    | U         | 18  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 31    | U         | 31  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 48    | U         | 48  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 31    | U         | 31  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 25    | U         | 25  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 16    | U         | 16  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 25    | U         | 25  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 24    | U         | 24  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 44    | U         | 44  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 72    | U         | 72  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 49    | U         | 49  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 23    | U         | 23  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 95    | U         | 95  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 49    | U         | 49  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 39    | U         | 39  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/27/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/27/2024 12:00:00 AM |
| Client Sample ID:  | SBLK016      | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163016BL   | 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 |
| BP021750.D        | 1         | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163016      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 29    | U         | 29  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 44    | U         | 44  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 44    | U         | 44  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 29    | U         | 29  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 48    | U         | 48  | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 44    | U         | 44  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 30    | U         | 30  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 25    | U         | 25  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 20    | U         | 20  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 31    | U         | 31  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 77    | U         | 77  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 29    | U         | 29  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 71    | U         | 71  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 74    | U         | 74  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 29    | U         | 29  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 52    | U         | 52  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 25    | U         | 25  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 28    | U         | 28  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 61    | U         | 61  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 54    | U         | 54  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/27/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/27/2024 12:00:00 AM |
| Client Sample ID:  | SBLK016      | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163016BL   | 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 |
| BP021750.D        | 1         | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163016      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 49     | U         | 49     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 84     | U         | 84     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 48     | U         | 48     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 27     | U         | 27     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 31     | U         | 31     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 96     | U         | 96     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 76     | U         | 76     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 33     | U         | 33     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 38     | U         | 38     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 32     | U         | 32     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 31     | U         | 31     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 28     | U         | 28     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 26     | U         | 26     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 33     | U         | 33     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 6.231  |           | 15-120 |      | 78         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 28.059 |           | 20-120 |      | 70         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 28.888 |           | 10-130 |      | 72         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 28.748 |           | 10-150 |      | 72         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 29.6   |           | 15-120 |      | 74         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 27.21  |           | 10-140 |      | 68         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 31.205 |           | 10-135 |      | 78         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 32.117 |           | 10-120 |      | 80         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.264 |           | 10-140 |      | 71         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 26.77  |           | 1-145  |      | 67         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 31.513 |           | 10-145 |      | 79         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 30.627 |           | 15-120 |      | 77         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 27.79  |           | 10-150 |      | 69         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 31.009 |           | 20-140 |      | 78         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/27/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/27/2024 12:00:00 AM |
| Client Sample ID:  | SBLK016      | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163016BL   | 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 |
| BP021750.D        | 1         | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163016      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 25.215  |           | 10-130 |     | 63         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 31.193  |           | 10-150 |     | 78         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 31.452  |           | 10-130 |     | 79         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 30.881  |           | 10-140 |     | 77         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 283010  | 7.787     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1115163 | 10.569    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 696514  | 14.428    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1525722 | 17.222    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1493563 | 21.68     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1665139 | 25.092    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-   | 82      | J         |        |     | 3.023      |          |
| E966796                               | Total Alkanes                 | 24      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/27/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/27/2024 12:00:00 AM |
| Client Sample ID:  | SLCS016      | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163016BS   | 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 |
| BP021751.D        | 1         | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163016      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 380   |           | 11  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 870   |           | 45  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 970   |           | 33  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 990   |           | 43  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1000  |           | 40  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1000  |           | 23  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 970   |           | 39  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 990   |           | 60  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 950   |           | 40  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 960   |           | 37  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 930   |           | 51  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1100  |           | 18  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1100  |           | 31  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 1000  |           | 48  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1100  |           | 31  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 840   |           | 25  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1000  |           | 43  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1000  |           | 16  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1000  |           | 25  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 820   |           | 24  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1000  |           | 44  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 960   |           | 72  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1000  |           | 49  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 990   |           | 33  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1000  |           | 23  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 820   |           | 95  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 970   |           | 49  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1000  |           | 39  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/27/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/27/2024 12:00:00 AM |
| Client Sample ID:  | SLCS016      | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163016BS   | 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 |
| BP021751.D        | 1         | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163016      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1100  |           | 24  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 1100  |           | 26  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 1200  |           | 41  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 1100  |           | 29  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 1200  |           | 44  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1100  |           | 32  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 1100  |           | 44  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 1000  |           | 29  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 1000  |           | 48  | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 1100  |           | 44  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 1100  |           | 32  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 1200  |           | 43  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 1100  |           | 30  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 1100  |           | 25  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1100  |           | 20  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 1300  |           | 31  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1100  |           | 77  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1100  |           | 33  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1100  |           | 24  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1000  |           | 29  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1000  |           | 32  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 71    | U         | 71  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 770   |           | 74  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1100  |           | 29  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 970   |           | 52  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 1000  |           | 25  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1000  |           | 50  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 1100  |           | 28  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1100  |           | 61  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1100  |           | 54  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/27/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/27/2024 12:00:00 AM |
| Client Sample ID:  | SLCS016      | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163016BS   | 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 |
| BP021751.D        | 1         | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163016      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1100   |           | 49     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1200   |           | 84     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1100   |           | 48     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1100   |           | 27     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1100   |           | 31     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1200   |           | 96     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1200   |           | 76     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1100   |           | 33     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1100   |           | 38     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1100   |           | 32     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1100   |           | 31     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1100   |           | 28     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1100   |           | 26     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 860    |           | 33     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 7.068  |           | 15-120 |      | 88         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 28.749 |           | 20-120 |      | 72         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 30.173 |           | 10-130 |      | 75         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 29.936 |           | 10-150 |      | 75         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 30.995 |           | 15-120 |      | 77         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 28.962 |           | 10-140 |      | 72         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 33.613 |           | 10-135 |      | 84         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 34.518 |           | 10-120 |      | 86         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 32.057 |           | 10-140 |      | 80         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 26.947 |           | 1-145  |      | 67         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 32.243 |           | 10-145 |      | 81         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 32.084 |           | 15-120 |      | 80         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 33.542 |           | 10-150 |      | 84         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 31.861 |           | 20-140 |      | 80         | SPK: -40 |



## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/27/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/27/2024 12:00:00 AM |
| Client Sample ID:  | SLCS016      | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163016BS   | 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 |
| BP021751.D        | 1         | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163016      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 33.813  |           | 10-130 |     | 85         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 31.418  |           | 10-150 |     | 79         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 32.393  |           | 10-130 |     | 81         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 31.702  |           | 10-140 |     | 79         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 315568  | 7.769     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1226304 | 10.557    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 746125  | 14.428    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1606564 | 17.239    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1601363 | 21.704    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1929300 | 25.115    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 24      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |               |                 |                       |
|--------------------|---------------|-----------------|-----------------------|
| Client:            |               | Date Collected: | 8/16/2024 12:00:00 AM |
| Project:           |               | Date Received:  | 8/16/2024 12:00:00 AM |
| Client Sample ID:  | GCN88ME       | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3696-04ME    | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC     | % Moisture:     | 10.4                  |
| Sample Wt/Vol:     | 1.04 Units: g | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | 100 uL        | Test:           |                       |
| Extraction Type :  | Decanted :    | Level :         | MED                   |
| Injection Volume : | GPC Factor :  | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP021752.D        | 1         | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163036      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 290   | U         | 290  | 210  | 2100       | ug/Kg |
| 100-52-7       | Benzaldehyde                | 1500  | U         | 1500 | 2700 | 11000      | ug/Kg |
| 110-86-1       | Pyridine                    | 1800  | U         | 1800 | 5300 | 11000      | ug/Kg |
| 108-95-2       | Phenol                      | 1300  | U         | 1300 | 2700 | 11000      | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1200  | U         | 1200 | 2700 | 11000      | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 840   | U         | 840  | 1400 | 5400       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 930   | U         | 930  | 2700 | 11000      | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 2100  | U         | 2100 | 2700 | 11000      | ug/Kg |
| 98-86-2        | Acetophenone                | 2700  | J         | 1000 | 2700 | 11000      | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 910   | U         | 910  | 2700 | 11000      | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1800  | U         | 1800 | 1400 | 5400       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 520   | U         | 520  | 1400 | 5400       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1000  | U         | 1000 | 1400 | 5400       | ug/Kg |
| 78-59-1        | Isophorone                  | 1200  | U         | 1200 | 1400 | 5400       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 750   | U         | 750  | 1400 | 5400       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 760   | U         | 760  | 1400 | 5400       | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1400  | U         | 1400 | 1400 | 5400       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 690   | U         | 690  | 1400 | 5400       | ug/Kg |
| 91-20-3        | Naphthalene                 | 750   | U         | 750  | 1400 | 5400       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 600   | U         | 600  | 1400 | 11000      | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1500  | U         | 1500 | 1400 | 5400       | ug/Kg |
| 105-60-2       | Caprolactam                 | 3000  | U         | 3000 | 2700 | 11000      | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1400  | U         | 1400 | 1400 | 5400       | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 4000  | J         | 1300 | 1400 | 5400       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1600  | J         | 690  | 1400 | 5400       | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 2900  | U         | 2900 | 2700 | 11000      | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1300  | U         | 1300 | 1400 | 5400       | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 820   | U         | 820  | 1400 | 5400       | ug/Kg |

## Report of Analysis

|                    |                             |                 |                             |
|--------------------|-----------------------------|-----------------|-----------------------------|
| Client:            |                             | Date Collected: | 8/16/2024 12:00:00 AM       |
| Project:           |                             | Date Received:  | 8/16/2024 12:00:00 AM       |
| Client Sample ID:  | GCN88ME                     | SDG No.:        | BP083024                    |
| Lab Sample ID:     | P3696-04ME                  | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC                   | % Moisture:     | 10.4                        |
| Sample Wt/Vol:     | 1.04      Units:    g       | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | 100                      uL | Test:           |                             |
| Extraction Type :  | Decanted :                  | Level :         | MED                         |
| Injection Volume : | GPC Factor :                | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP021752.D        | 1         | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163036      |

| CAS Number | Parameter                  | Conc.   | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|---------|-----------|------|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 750     | U         | 750  | 1400 | 5400       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 750     | U         | 750  | 1400 | 5400       | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 1700    | U         | 1700 | 1400 | 5400       | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 780     | U         | 780  | 1400 | 5400       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 1400    | U         | 1400 | 1400 | 5400       | ug/Kg |
| 208-96-8   | Acenaphthylene             | 850     | U         | 850  | 1400 | 5400       | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 910     | U         | 910  | 2700 | 11000      | ug/Kg |
| 83-32-9    | Acenaphthene               | 1200    | J         | 880  | 1400 | 5400       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 3100    | U         | 3100 | 2700 | 11000      | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 1200    | U         | 1200 | 2700 | 11000      | ug/Kg |
| 132-64-9   | Dibenzofuran               | 770     | U         | 770  | 1400 | 5400       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 1000    | U         | 1000 | 1400 | 5400       | ug/Kg |
| 84-66-2    | Diethylphthalate           | 880     | U         | 880  | 1400 | 5400       | ug/Kg |
| 86-73-7    | Fluorene                   | 2200    | J         | 760  | 1400 | 5400       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 760     | U         | 760  | 1400 | 5400       | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 830     | U         | 830  | 2700 | 11000      | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 2400    | U         | 2400 | 2700 | 11000      | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 780     | U         | 780  | 1400 | 5400       | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 690     | U         | 690  | 1400 | 5400       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 760     | U         | 760  | 1400 | 5400       | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 870     | U         | 870  | 1400 | 5400       | ug/Kg |
| 1912-24-9  | Atrazine                   | 2100    | U         | 2100 | 2700 | 11000      | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 1400000 | E         | 1900 | 2700 | 11000      | ug/Kg |
| 85-01-8    | Phenanthrene               | 23000   |           | 900  | 1400 | 5400       | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 1700    | U         | 1700 | 1400 | 5400       | ug/Kg |
| 120-12-7   | Anthracene                 | 730     | U         | 730  | 1400 | 5400       | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1800    | U         | 1800 | 1400 | 5400       | ug/Kg |
| 86-74-8    | Carbazole                  | 650     | U         | 650  | 2700 | 11000      | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1600    | U         | 1600 | 1400 | 5400       | ug/Kg |
| 206-44-0   | Fluoranthene               | 1500    | U         | 1500 | 2700 | 5400       | ug/Kg |

## Report of Analysis

|                    |               |                 |                       |
|--------------------|---------------|-----------------|-----------------------|
| Client:            |               | Date Collected: | 8/16/2024 12:00:00 AM |
| Project:           |               | Date Received:  | 8/16/2024 12:00:00 AM |
| Client Sample ID:  | GCN88ME       | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3696-04ME    | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC     | % Moisture:     | 10.4                  |
| Sample Wt/Vol:     | 1.04 Units: g | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | 100 uL        | Test:           |                       |
| Extraction Type :  | Decanted :    | Level :         | MED                   |
| Injection Volume : | GPC Factor :  | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP021752.D        | 1         | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163036      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 2300   | J         | 1200   | 1400 | 5400       | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 2600   | U         | 2600   | 1400 | 5400       | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1700   | U         | 1700   | 2700 | 11000      | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 590    | U         | 590    | 1400 | 5400       | ug/Kg    |
| 218-01-9          | Chrysene                    | 840    | U         | 840    | 1400 | 5400       | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 2900   | J         | 2800   | 1400 | 5400       | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 2900   | U         | 2900   | 2700 | 11000      | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1200   | U         | 1200   | 1400 | 5400       | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 830    | U         | 830    | 1400 | 5400       | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1200   | U         | 1200   | 1400 | 5400       | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 980    | U         | 980    | 1400 | 5400       | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 830    | U         | 830    | 1400 | 5400       | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 990    | U         | 990    | 1400 | 5400       | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 50000  |           | 1000   | 1400 | 5400       | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 1.902  |           | 15-120 |      | 24         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 |        | U         | 20-120 |      | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 10.874 |           | 10-130 |      | 27         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 11.027 |           | 10-150 |      | 28         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 11.288 |           | 15-120 |      | 28         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 9.9    |           | 10-140 |      | 25         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 11.635 |           | 10-135 |      | 29         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 11.945 |           | 10-120 |      | 30         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 11.086 |           | 10-140 |      | 28         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 6.637  |           | 1-145  |      | 17         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 12.503 |           | 10-145 |      | 31         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 12.941 |           | 15-120 |      | 32         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 10.687 |           | 10-150 |      | 27         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 12.611 |           | 20-140 |      | 32         | SPK: -40 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 8/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 8/16/2024 12:00:00 AM |
| Client Sample ID:  | GCN88ME    | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3696-04ME | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 10.4                  |
| Sample Wt/Vol:     | 1.04       | Units:          | g                     |
| Soil Aliquot Vol:  | 100        | Final Vol:      | 500                   |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | MED                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP021752.D        | 1         | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163036      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 10.107  |           | 10-130 |     | 25         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 13.021  |           | 10-150 |     | 33         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 10.513  |           | 10-130 |     | 26         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 8.523   |           | 10-140 |     | 21         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 334258  | 7.787     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 1271073 | 10.569    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 703798  | 14.434    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1358543 | 17.245    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1478374 | 21.698    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1814355 | 25.098    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-        | 220000  | J         |        |     | 3.023      |          |
|                                       | (DEL) Alkane: Straight-Chain3.117  | 8100    | J         |        |     | 3.117      |          |
| 000104-76-7                           | 1-Hexanol, 2-ethyl-                | 6300    | J         |        |     | 7.858      |          |
|                                       | (DEL) Alkane: Straight-Chain11.081 | 4700    | J         |        |     | 11.081     |          |
|                                       | unknown-01                         | 4000    | J         |        |     | 11.281     |          |
|                                       | (DEL) Alkane: Straight-Chain11.605 | 3900    | J         |        |     | 11.605     |          |
|                                       | (DEL) Alkane: Straight-Chain12.005 | 15000   | J         |        |     | 12.005     |          |
|                                       | unknown-02                         | 3900    | J         |        |     | 12.099     |          |
| 002425-54-9                           | Tetradecane, 1-chloro-             | 3600    | J         |        |     | 12.652     |          |
|                                       | (DEL) Alkane: Straight-Chain12.752 | 2200    | J         |        |     | 12.752     |          |
|                                       | (DEL) Alkane: Straight-Chain12.822 | 2800    | J         |        |     | 12.822     |          |
|                                       | (DEL) Alkane: Straight-Chain12.910 | 3100    | J         |        |     | 12.91      |          |
|                                       | (DEL) Alkane: Straight-Chain12.969 | 6700    | J         |        |     | 12.969     |          |
|                                       | (DEL) Alkane: Straight-Chain13.257 | 24000   | J         |        |     | 13.257     |          |
| 002613-76-5                           | 1H-Indene, 2,3-dihydro-1,1,3-trime | 4500    | J         |        |     | 13.352     |          |
| 000582-16-1                           | Naphthalene, 2,7-dimethyl-         | 12000   | J         |        |     | 13.587     |          |
| 000573-98-8                           | Naphthalene, 1,2-dimethyl-         | 20000   | J         |        |     | 13.746     |          |

## Report of Analysis

|                    |               |                 |                       |
|--------------------|---------------|-----------------|-----------------------|
| Client:            |               | Date Collected: | 8/16/2024 12:00:00 AM |
| Project:           |               | Date Received:  | 8/16/2024 12:00:00 AM |
| Client Sample ID:  | GCN88ME       | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3696-04ME    | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC     | % Moisture:     | 10.4                  |
| Sample Wt/Vol:     | 1.04 Units: g | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | 100 uL        | Test:           |                       |
| Extraction Type :  | Decanted :    | Level :         | MED                   |
| Injection Volume : | GPC Factor :  | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP021752.D        | 1         | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163036      |

| CAS Number   | Parameter                          | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|--------|-----------|-----|-----|------------|-------|
|              | (DEL) Alkane: Straight-Chain13.899 | 2500   | J         |     |     | 13.899     |       |
|              | (DEL) Alkane: Straight-Chain13.928 | 7000   | J         |     |     | 13.928     |       |
|              | (DEL) Alkane: Straight-Chain13.963 | 2600   | J         |     |     | 13.963     |       |
| 000109-21-7  | Butanoic acid, butyl ester         | 5500   | J         |     |     | 14.21      |       |
|              | (DEL) Alkane: Straight-Chain14.340 | 80000  | J         |     |     | 14.34      |       |
| 002027-17-0  | Naphthalene, 2-(1-methylethyl)-    | 4100   | J         |     |     | 14.569     |       |
| 000829-26-5  | Naphthalene, 2,3,6-trimethyl-      | 5600   | J         |     |     | 14.74      |       |
| 002131-42-2  | Naphthalene, 1,4,6-trimethyl-      | 16000  | J         |     |     | 14.816     |       |
| 002131-41-1  | Naphthalene, 1,4,5-trimethyl-      | 24000  | J         |     |     | 14.845     |       |
| 002245-38-7  | Naphthalene, 1,6,7-trimethyl-      | 26000  | J         |     |     | 14.922     |       |
|              | (DEL) Alkane: Straight-Chain14.975 | 23000  | J         |     |     | 14.975     |       |
|              | unknown-03                         | 7100   | J         |     |     | 15.228     |       |
|              | (DEL) Alkane: Straight-Chain15.316 | 92000  | J         |     |     | 15.316     |       |
| 001855-47-6  | 1-Isopropenylnaphthalene           | 12000  | J         |     |     | 15.628     |       |
| 013187-99-0  | 2-Bromo dodecane                   | 46000  | J         |     |     | 15.728     |       |
| 1000383-71-7 | 1,6-Dimethyl-4-ethylnaphthalene (N | 18000  | J         |     |     | 15.822     |       |
|              | (DEL) Alkane: Straight-Chain15.887 | 22000  | J         |     |     | 15.887     |       |
|              | unknown-04                         | 26000  | J         |     |     | 15.951     |       |
| 003031-15-0  | Naphthalene, 1,2,3,4-tetramethyl-  | 13000  | J         |     |     | 16.034     |       |
|              | (DEL) Alkane: Straight-Chain16.204 | 120000 | J         |     |     | 16.204     |       |
|              | unknown-05                         | 4400   | J         |     |     | 16.369     |       |
|              | (DEL) Alkane: Straight-Chain16.563 | 15000  | J         |     |     | 16.563     |       |
|              | (DEL) Alkane: Straight-Chain16.616 | 12000  | J         |     |     | 16.616     |       |
|              | (DEL) Alkane: Straight-Chain16.675 | 10000  | J         |     |     | 16.675     |       |
|              | (DEL) Alkane: Straight-Chain16.793 | 27000  | J         |     |     | 16.793     |       |
|              | (DEL) Alkane: Straight-Chain17.016 | 98000  | J         |     |     | 17.016     |       |
|              | (DEL) Alkane: Straight-Chain17.075 | 89000  | J         |     |     | 17.075     |       |
|              | (DEL) Alkane: Straight-Chain17.498 | 12000  | J         |     |     | 17.498     |       |
|              | unknown-06                         | 24000  | J         |     |     | 17.575     |       |
|              | (DEL) Alkane: Straight-Chain17.787 | 110000 | J         |     |     | 17.787     |       |

## Report of Analysis

|                    |                             |                 |                             |
|--------------------|-----------------------------|-----------------|-----------------------------|
| Client:            |                             | Date Collected: | 8/16/2024 12:00:00 AM       |
| Project:           |                             | Date Received:  | 8/16/2024 12:00:00 AM       |
| Client Sample ID:  | GCN88ME                     | SDG No.:        | BP083024                    |
| Lab Sample ID:     | P3696-04ME                  | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC                   | % Moisture:     | 10.4                        |
| Sample Wt/Vol:     | 1.04      Units:    g       | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | 100                      uL | Test:           |                             |
| Extraction Type :  | Decanted :                  | Level :         | MED                         |
| Injection Volume : | GPC Factor :                | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP021752.D        | 1         | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163036      |

| CAS Number  | Parameter                          | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|------------------------------------|---------|-----------|-----|-----|------------|-------|
| 007372-88-5 | Dibenzothiophene, 4-methyl-        | 19000   | J         |     |     | 17.845     |       |
| 000832-69-9 | Phenanthrene, 1-methyl-            | 17000   | J         |     |     | 18.151     |       |
| 000613-12-7 | Anthracene, 2-methyl-              | 24000   | J         |     |     | 18.204     |       |
| 002531-84-2 | Phenanthrene, 2-methyl-            | 20000   | J         |     |     | 18.339     |       |
| 000779-02-2 | Anthracene, 9-methyl-              | 17000   | J         |     |     | 18.387     |       |
|             | (DEL) Alkane: Straight-Chain18.498 | 96000   | J         |     |     | 18.498     |       |
| 020684-54-2 | Benzo[c]cinnoline, 4,7-dimethyl-   | 13000   | J         |     |     | 18.663     |       |
| 001576-67-6 | Phenanthrene, 3,6-dimethyl-        | 16000   | J         |     |     | 18.975     |       |
| 003674-66-6 | Phenanthrene, 2,5-dimethyl-        | 13000   | J         |     |     | 19.104     |       |
|             | (DEL) Alkane: Straight-Chain19.151 | 78000   | J         |     |     | 19.151     |       |
|             | (DEL) Alkane: Straight-Chain20.310 | 34000   | J         |     |     | 20.31      |       |
|             | (DEL) Alkane: Straight-Chain20.828 | 22000   | J         |     |     | 20.828     |       |
|             | (DEL) Alkane: Straight-Chain21.369 | 12000   | J         |     |     | 21.369     |       |
| E966796     | Total Alkanes                      | 1000000 |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |               |                 |                       |
|--------------------|---------------|-----------------|-----------------------|
| Client:            |               | Date Collected: | 8/16/2024 12:00:00 AM |
| Project:           |               | Date Received:  | 8/16/2024 12:00:00 AM |
| Client Sample ID:  | GCN88MEDL     | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3696-04MEDL  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC     | % Moisture:     | 10.4                  |
| Sample Wt/Vol:     | 1.04 Units: g | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | 100 uL        | Test:           |                       |
| Extraction Type :  | Decanted :    | Level :         | MED                   |
| Injection Volume : | GPC Factor :  | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP021753.D        | 30        | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163036      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL   | LOD    | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-------|--------|------------|-------|
| <b>TARGETS</b> |                             |       |           |       |        |            |       |
| 123-91-1       | 1,4-Dioxane                 | 8700  | U         | 8700  | 6400   | 64000      | ug/Kg |
| 100-52-7       | Benzaldehyde                | 45000 | U         | 45000 | 79700  | 320000     | ug/Kg |
| 110-86-1       | Pyridine                    | 55000 | U         | 55000 | 159400 | 320000     | ug/Kg |
| 108-95-2       | Phenol                      | 39000 | U         | 39000 | 79700  | 320000     | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 35000 | U         | 35000 | 79700  | 320000     | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 25000 | U         | 25000 | 41000  | 160000     | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 28000 | U         | 28000 | 79700  | 320000     | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 64000 | U         | 64000 | 79700  | 320000     | ug/Kg |
| 98-86-2        | Acetophenone                | 31000 | U         | 31000 | 79700  | 320000     | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 27000 | U         | 27000 | 79700  | 320000     | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 55000 | U         | 55000 | 41000  | 160000     | ug/Kg |
| 67-72-1        | Hexachloroethane            | 15000 | U         | 15000 | 41000  | 160000     | ug/Kg |
| 98-95-3        | Nitrobenzene                | 30000 | U         | 30000 | 41000  | 160000     | ug/Kg |
| 78-59-1        | Isophorone                  | 35000 | U         | 35000 | 41000  | 160000     | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 23000 | U         | 23000 | 41000  | 160000     | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 23000 | U         | 23000 | 41000  | 160000     | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 42000 | U         | 42000 | 41000  | 160000     | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 21000 | U         | 21000 | 41000  | 160000     | ug/Kg |
| 91-20-3        | Naphthalene                 | 23000 | U         | 23000 | 41000  | 160000     | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 18000 | U         | 18000 | 41000  | 320000     | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 45000 | U         | 45000 | 41000  | 160000     | ug/Kg |
| 105-60-2       | Caprolactam                 | 90000 | U         | 90000 | 79700  | 320000     | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 42000 | U         | 42000 | 41000  | 160000     | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 39000 | U         | 39000 | 41000  | 160000     | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 21000 | U         | 21000 | 41000  | 160000     | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 87000 | U         | 87000 | 79700  | 320000     | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 39000 | U         | 39000 | 41000  | 160000     | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 24000 | U         | 24000 | 41000  | 160000     | ug/Kg |



## Report of Analysis

|                    |               |                 |                       |
|--------------------|---------------|-----------------|-----------------------|
| Client:            |               | Date Collected: | 8/16/2024 12:00:00 AM |
| Project:           |               | Date Received:  | 8/16/2024 12:00:00 AM |
| Client Sample ID:  | GCN88MEDL     | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3696-04MEDL  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC     | % Moisture:     | 10.4                  |
| Sample Wt/Vol:     | 1.04 Units: g | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | 100 uL        | Test:           |                       |
| Extraction Type :  | Decanted :    | Level :         | MED                   |
| Injection Volume : | GPC Factor :  | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP021753.D        | 30        | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163036      |

| CAS Number | Parameter                  | Conc.   | Qualifier | MDL   | LOD   | LOQ / CRQL | Units |
|------------|----------------------------|---------|-----------|-------|-------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 23000   | U         | 23000 | 41000 | 160000     | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 23000   | U         | 23000 | 41000 | 160000     | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 52000   | U         | 52000 | 41000 | 160000     | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 24000   | U         | 24000 | 41000 | 160000     | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 42000   | U         | 42000 | 41000 | 160000     | ug/Kg |
| 208-96-8   | Acenaphthylene             | 25000   | U         | 25000 | 41000 | 160000     | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 27000   | U         | 27000 | 79700 | 320000     | ug/Kg |
| 83-32-9    | Acenaphthene               | 26000   | U         | 26000 | 41000 | 160000     | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 93000   | U         | 93000 | 79700 | 320000     | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 35000   | U         | 35000 | 79700 | 320000     | ug/Kg |
| 132-64-9   | Dibenzofuran               | 23000   | U         | 23000 | 41000 | 160000     | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 31000   | U         | 31000 | 41000 | 160000     | ug/Kg |
| 84-66-2    | Diethylphthalate           | 26000   | U         | 26000 | 41000 | 160000     | ug/Kg |
| 86-73-7    | Fluorene                   | 23000   | U         | 23000 | 41000 | 160000     | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 23000   | U         | 23000 | 41000 | 160000     | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 25000   | U         | 25000 | 79700 | 320000     | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 71000   | U         | 71000 | 79700 | 320000     | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 24000   | U         | 24000 | 41000 | 160000     | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 21000   | U         | 21000 | 41000 | 160000     | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 23000   | U         | 23000 | 41000 | 160000     | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 26000   | U         | 26000 | 41000 | 160000     | ug/Kg |
| 1912-24-9  | Atrazine                   | 64000   | U         | 64000 | 79700 | 320000     | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 2000000 | D         | 58000 | 79700 | 320000     | ug/Kg |
| 85-01-8    | Phenanthrene               | 27000   | U         | 27000 | 41000 | 160000     | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 52000   | U         | 52000 | 41000 | 160000     | ug/Kg |
| 120-12-7   | Anthracene                 | 22000   | U         | 22000 | 41000 | 160000     | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 55000   | U         | 55000 | 41000 | 160000     | ug/Kg |
| 86-74-8    | Carbazole                  | 20000   | U         | 20000 | 79700 | 320000     | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 48000   | U         | 48000 | 41000 | 160000     | ug/Kg |
| 206-44-0   | Fluoranthene               | 45000   | U         | 45000 | 79700 | 160000     | ug/Kg |

## Report of Analysis

|                    |               |                 |                       |
|--------------------|---------------|-----------------|-----------------------|
| Client:            |               | Date Collected: | 8/16/2024 12:00:00 AM |
| Project:           |               | Date Received:  | 8/16/2024 12:00:00 AM |
| Client Sample ID:  | GCN88MEDL     | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3696-04MEDL  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC     | % Moisture:     | 10.4                  |
| Sample Wt/Vol:     | 1.04 Units: g | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | 100 uL        | Test:           |                       |
| Extraction Type :  | Decanted :    | Level :         | MED                   |
| Injection Volume : | GPC Factor :  | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP021753.D        | 30        | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163036      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD   | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|-------|------------|----------|
| 129-00-0          | Pyrene                      | 35000 | U         | 35000  | 41000 | 160000     | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 77000 | U         | 77000  | 41000 | 160000     | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 52000 | U         | 52000  | 79700 | 320000     | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 18000 | U         | 18000  | 41000 | 160000     | ug/Kg    |
| 218-01-9          | Chrysene                    | 25000 | U         | 25000  | 41000 | 160000     | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 84000 | U         | 84000  | 41000 | 160000     | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 87000 | U         | 87000  | 79700 | 320000     | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 35000 | U         | 35000  | 41000 | 160000     | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 25000 | U         | 25000  | 41000 | 160000     | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 35000 | U         | 35000  | 41000 | 160000     | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 29000 | U         | 29000  | 41000 | 160000     | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 25000 | U         | 25000  | 41000 | 160000     | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 30000 | U         | 30000  | 41000 | 160000     | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 47000 | JD        | 31000  | 41000 | 160000     | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |       |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              |       | U         | 15-120 |       | 0          | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 |       | U         | 20-120 |       | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 10.71 |           | 10-130 |       | 27         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 12.87 |           | 10-150 |       | 32         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 12.51 |           | 15-120 |       | 31         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 8.94  |           | 10-140 |       | 22         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 11.91 |           | 10-135 |       | 30         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 11.31 |           | 10-120 |       | 28         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 6.81  |           | 10-140 |       | 17         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 5.67  |           | 1-145  |       | 14         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 13.32 |           | 10-145 |       | 33         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 11.88 |           | 15-120 |       | 30         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            |       | U         | 10-150 |       | 0          | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 14.07 |           | 20-140 |       | 35         | SPK: -40 |

## Report of Analysis

|                    |               |                 |                       |
|--------------------|---------------|-----------------|-----------------------|
| Client:            |               | Date Collected: | 8/16/2024 12:00:00 AM |
| Project:           |               | Date Received:  | 8/16/2024 12:00:00 AM |
| Client Sample ID:  | GCN88MEDL     | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3696-04MEDL  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC     | % Moisture:     | 10.4                  |
| Sample Wt/Vol:     | 1.04 Units: g | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | 100 uL        | Test:           |                       |
| Extraction Type :  | Decanted :    | Level :         | MED                   |
| Injection Volume : | GPC Factor :  | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP021753.D        | 30        | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163036      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      |         | U         | 10-130 |     | 0          | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 15.33   |           | 10-150 |     | 38         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 12.84   |           | 10-130 |     | 32         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 8.88    |           | 10-140 |     | 22         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 262212  | 7.787     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 992838  | 10.575    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 612038  | 14.428    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1249083 | 17.228    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1299884 | 21.686    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1642387 | 25.098    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-        | 360000  | JD        |        |     | 3.022      |          |
|                                       | (DEL) Alkane: Straight-Chain14.339 | 110000  | JD        |        |     | 14.339     |          |
|                                       | (DEL) Alkane: Straight-Chain15.304 | 130000  | JD        |        |     | 15.304     |          |
| 004292-19-7                           | Dodecane, 1-iodo-                  | 68000   | JD        |        |     | 15.722     |          |
|                                       | (DEL) Alkane: Straight-Chain16.186 | 170000  | JD        |        |     | 16.186     |          |
|                                       | (DEL) Alkane: Straight-Chain17.004 | 150000  | JD        |        |     | 17.004     |          |
|                                       | (DEL) Alkane: Straight-Chain17.057 | 130000  | JD        |        |     | 17.057     |          |
|                                       | (DEL) Alkane: Straight-Chain17.763 | 160000  | JD        |        |     | 17.763     |          |
|                                       | (DEL) Alkane: Straight-Chain18.480 | 140000  | JD        |        |     | 18.48      |          |
|                                       | (DEL) Alkane: Straight-Chain19.133 | 110000  | JD        |        |     | 19.133     |          |
|                                       | (DEL) Alkane: Straight-Chain19.739 | 72000   | JD        |        |     | 19.739     |          |
| E966796                               | Total Alkanes                      | 1200000 | D         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/28/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/28/2024 12:00:00 AM |
| Client Sample ID:  | SLCS042      | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163042BS   | 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 |
| BP021754.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 290   |           | 11  | 6.6  | 67         | ug/Kg |
| 110-86-1       | Pyridine                    | 740   |           | 33  | 170  | 330        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 690   |           | 45  | 82.5 | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 790   |           | 43  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 800   |           | 40  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 820   |           | 23  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 790   |           | 39  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 790   |           | 60  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 790   |           | 40  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 790   |           | 37  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 770   |           | 51  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 830   |           | 18  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 820   |           | 31  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 810   |           | 48  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 900   |           | 31  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 670   |           | 25  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 820   |           | 43  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 830   |           | 16  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 810   |           | 25  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 670   |           | 24  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 810   |           | 44  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 790   |           | 72  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 850   |           | 49  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 800   |           | 33  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 810   |           | 23  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 650   |           | 95  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 750   |           | 49  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 790   |           | 39  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/28/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/28/2024 12:00:00 AM |
| Client Sample ID:  | SLCS042      | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163042BS   | 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 |
| BP021754.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 820   |           | 24  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 830   |           | 26  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 900   |           | 41  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 840   |           | 29  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 920   |           | 44  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 860   |           | 32  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 890   |           | 44  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 810   |           | 29  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 820   |           | 48  | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 860   |           | 44  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 820   |           | 32  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 930   |           | 43  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 850   |           | 30  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 830   |           | 25  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 830   |           | 20  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 990   |           | 31  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 860   |           | 77  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 840   |           | 33  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 820   |           | 24  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 840   |           | 29  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 830   |           | 32  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 71    | U         | 71  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 610   |           | 74  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 850   |           | 29  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 790   |           | 52  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 830   |           | 25  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 820   |           | 50  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 870   |           | 28  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 910   |           | 61  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 880   |           | 54  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/28/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/28/2024 12:00:00 AM |
| Client Sample ID:  | SLCS042      | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163042BS   | 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 |
| BP021754.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 860    |           | 49     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 950    |           | 84     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 830    |           | 48     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 860    |           | 27     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 860    |           | 31     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 950    |           | 96     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 980    |           | 76     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 860    |           | 33     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 880    |           | 38     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 830    |           | 32     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 850    |           | 31     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 850    |           | 28     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 880    |           | 26     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 680    |           | 33     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.128  |           | 15-120 |      | 64         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 22.149 |           | 20-120 |      | 55         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 24.134 |           | 10-130 |      | 60         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 23.884 |           | 10-150 |      | 60         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.386 |           | 15-120 |      | 61         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 23.601 |           | 10-140 |      | 59         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 26.047 |           | 10-135 |      | 65         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.626 |           | 10-120 |      | 69         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 25.645 |           | 10-140 |      | 64         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 21.687 |           | 1-145  |      | 54         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 25.228 |           | 10-145 |      | 63         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 25.21  |           | 15-120 |      | 63         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 25.523 |           | 10-150 |      | 64         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.458 |           | 20-140 |      | 64         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/28/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/28/2024 12:00:00 AM |
| Client Sample ID:  | SLCS042      | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163042BS   | 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 |
| BP021754.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 26.545  |           | 10-130 |     | 66         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 24.73   |           | 10-150 |     | 62         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 26.463  |           | 10-130 |     | 66         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 25.49   |           | 10-140 |     | 64         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 361084  | 7.781     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1465184 | 10.569    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 948843  | 14.428    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 2014304 | 17.233    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1965267 | 21.692    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 2219629 | 25.11     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 24      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/27/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/27/2024 12:00:00 AM |
| Client Sample ID:  | SBLK016      | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163016BL   | 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 |
| BP021756.D        | 1         | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163016      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 11    | U         | 11  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 45    | U         | 45  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 33    | U         | 33  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 43    | U         | 43  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 40    | U         | 40  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 23    | U         | 23  | 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) | 60    | U         | 60  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 40    | U         | 40  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 37    | U         | 37  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 51    | U         | 51  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 18    | U         | 18  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 31    | U         | 31  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 48    | U         | 48  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 31    | U         | 31  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 25    | U         | 25  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 16    | U         | 16  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 25    | U         | 25  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 24    | U         | 24  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 44    | U         | 44  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 72    | U         | 72  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 49    | U         | 49  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 23    | U         | 23  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 95    | U         | 95  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 49    | U         | 49  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 39    | U         | 39  | 42.5 | 170        | ug/Kg |



## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/27/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/27/2024 12:00:00 AM |
| Client Sample ID:  | SBLK016      | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163016BL   | 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 |
| BP021756.D        | 1         | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163016      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 29    | U         | 29  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 44    | U         | 44  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 44    | U         | 44  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 29    | U         | 29  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 48    | U         | 48  | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 44    | U         | 44  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 30    | U         | 30  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 25    | U         | 25  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 20    | U         | 20  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 31    | U         | 31  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 77    | U         | 77  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 29    | U         | 29  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 71    | U         | 71  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 74    | U         | 74  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 29    | U         | 29  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 52    | U         | 52  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 25    | U         | 25  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 28    | U         | 28  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 61    | U         | 61  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 54    | U         | 54  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/27/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/27/2024 12:00:00 AM |
| Client Sample ID:  | SBLK016      | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163016BL   | 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 |
| BP021756.D        | 1         | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163016      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 49     | U         | 49     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 84     | U         | 84     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 48     | U         | 48     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 27     | U         | 27     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 31     | U         | 31     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 96     | U         | 96     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 76     | U         | 76     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 33     | U         | 33     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 38     | U         | 38     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 32     | U         | 32     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 31     | U         | 31     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 28     | U         | 28     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 26     | U         | 26     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 33     | U         | 33     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 6.482  |           | 15-120 |      | 81         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 28.748 |           | 20-120 |      | 72         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 28.908 |           | 10-130 |      | 72         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 28.895 |           | 10-150 |      | 72         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 29.562 |           | 15-120 |      | 74         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 27.432 |           | 10-140 |      | 69         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 30.994 |           | 10-135 |      | 77         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 31.912 |           | 10-120 |      | 80         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.111 |           | 10-140 |      | 70         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 27.59  |           | 1-145  |      | 69         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 31.294 |           | 10-145 |      | 78         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 29.985 |           | 15-120 |      | 75         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 28.183 |           | 10-150 |      | 70         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 31.351 |           | 20-140 |      | 78         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/27/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/27/2024 12:00:00 AM |
| Client Sample ID:  | SBLK016      | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163016BL   | 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 |
| BP021756.D        | 1         | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163016      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 24.459  |           | 10-130 |     | 61         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 30.748  |           | 10-150 |     | 77         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 31.3    |           | 10-130 |     | 78         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 30.954  |           | 10-140 |     | 77         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 230005  | 7.787     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 911085  | 10.575    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 597856  | 14.434    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1363134 | 17.239    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1405634 | 21.68     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1544894 | 25.092    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-   | 68      | J         |        |     | 3.017      |          |
| E966796                               | Total Alkanes                 | 24      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/28/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/28/2024 12:00:00 AM |
| Client Sample ID:  | SBLK042      | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163042BL   | 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 |
| BP021757.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 11    | U         | 11  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 45    | U         | 45  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 33    | U         | 33  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 43    | U         | 43  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 40    | U         | 40  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 23    | U         | 23  | 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) | 60    | U         | 60  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 40    | U         | 40  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 37    | U         | 37  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 51    | U         | 51  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 18    | U         | 18  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 31    | U         | 31  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 48    | U         | 48  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 31    | U         | 31  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 25    | U         | 25  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 16    | U         | 16  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 25    | U         | 25  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 24    | U         | 24  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 44    | U         | 44  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 72    | U         | 72  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 49    | U         | 49  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 23    | U         | 23  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 95    | U         | 95  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 49    | U         | 49  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 39    | U         | 39  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/28/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/28/2024 12:00:00 AM |
| Client Sample ID:  | SBLK042      | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163042BL   | 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 |
| BP021757.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 29    | U         | 29  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 44    | U         | 44  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 44    | U         | 44  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 29    | U         | 29  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 48    | U         | 48  | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 44    | U         | 44  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 30    | U         | 30  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 25    | U         | 25  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 20    | U         | 20  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 31    | U         | 31  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 77    | U         | 77  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 29    | U         | 29  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 71    | U         | 71  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 74    | U         | 74  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 29    | U         | 29  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 52    | U         | 52  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 25    | U         | 25  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 28    | U         | 28  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 61    | U         | 61  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 54    | U         | 54  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/28/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/28/2024 12:00:00 AM |
| Client Sample ID:  | SBLK042      | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163042BL   | 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 |
| BP021757.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 49     | U         | 49     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 84     | U         | 84     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 48     | U         | 48     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 27     | U         | 27     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 31     | U         | 31     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 96     | U         | 96     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 76     | U         | 76     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 33     | U         | 33     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 38     | U         | 38     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 32     | U         | 32     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 31     | U         | 31     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 28     | U         | 28     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 26     | U         | 26     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 33     | U         | 33     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.183  |           | 15-120 |      | 65         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 23.095 |           | 20-120 |      | 58         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 23.122 |           | 10-130 |      | 58         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 23.725 |           | 10-150 |      | 59         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.303 |           | 15-120 |      | 61         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 22.229 |           | 10-140 |      | 56         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 25.761 |           | 10-135 |      | 64         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 26.395 |           | 10-120 |      | 66         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 21.798 |           | 10-140 |      | 54         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 22.811 |           | 1-145  |      | 57         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.17  |           | 10-145 |      | 65         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 24.883 |           | 15-120 |      | 62         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 22.409 |           | 10-150 |      | 56         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.934 |           | 20-140 |      | 65         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/28/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/28/2024 12:00:00 AM |
| Client Sample ID:  | SBLK042      | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163042BL   | 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 |
| BP021757.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 20.964  |           | 10-130 |     | 52         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 25.885  |           | 10-150 |     | 65         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 25.463  |           | 10-130 |     | 64         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 25.544  |           | 10-140 |     | 64         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 315545  | 7.787     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1236266 | 10.575    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 808630  | 14.434    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1763256 | 17.239    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1794844 | 21.686    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 2030264 | 25.092    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 24      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | DCYL0     | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3438-02  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 30.3                  |
| 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 |
| BP021758.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 16    | U         | 16  | 9.4  | 95         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 64    | U         | 64  | 120  | 470        | ug/Kg |
| 110-86-1       | Pyridine                    | 47    | U         | 47  | 240  | 470        | ug/Kg |
| 108-95-2       | Phenol                      | 61    | U         | 61  | 120  | 470        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 57    | U         | 57  | 120  | 470        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 33    | U         | 33  | 60.8 | 240        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 56    | U         | 56  | 120  | 470        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 86    | U         | 86  | 120  | 470        | ug/Kg |
| 98-86-2        | Acetophenone                | 57    | U         | 57  | 120  | 470        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 53    | U         | 53  | 120  | 470        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 73    | U         | 73  | 60.8 | 240        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 26    | U         | 26  | 60.8 | 240        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 44    | U         | 44  | 60.8 | 240        | ug/Kg |
| 78-59-1        | Isophorone                  | 69    | U         | 69  | 60.8 | 240        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 44    | U         | 44  | 60.8 | 240        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 36    | U         | 36  | 60.8 | 240        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 61    | U         | 61  | 60.8 | 240        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 23    | U         | 23  | 60.8 | 240        | ug/Kg |
| 91-20-3        | Naphthalene                 | 55    | J         | 36  | 60.8 | 240        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 34    | U         | 34  | 60.8 | 470        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 63    | U         | 63  | 60.8 | 240        | ug/Kg |
| 105-60-2       | Caprolactam                 | 100   | U         | 100 | 120  | 470        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 70    | U         | 70  | 60.8 | 240        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 47    | U         | 47  | 60.8 | 240        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 33    | U         | 33  | 60.8 | 240        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 140   | U         | 140 | 120  | 470        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 70    | U         | 70  | 60.8 | 240        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 56    | U         | 56  | 60.8 | 240        | ug/Kg |



## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 8/21/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 8/21/2024 12:00:00 AM       |
| Client Sample ID:  | DCYL0                 | SDG No.:        | BP083024                    |
| Lab Sample ID:     | P3438-02              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 30.3                        |
| 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 |
| BP021758.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 34    | U         | 34  | 60.8 | 240        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 37    | U         | 37  | 60.8 | 240        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 59    | U         | 59  | 60.8 | 240        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 41    | U         | 41  | 60.8 | 240        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 63    | U         | 63  | 60.8 | 240        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 46    | U         | 46  | 60.8 | 240        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 63    | U         | 63  | 120  | 470        | ug/Kg |
| 83-32-9    | Acenaphthene               | 110   | J         | 41  | 60.8 | 240        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 69    | U         | 69  | 120  | 470        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 63    | U         | 63  | 120  | 470        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 46    | U         | 46  | 60.8 | 240        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 61    | U         | 61  | 60.8 | 240        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 43    | U         | 43  | 60.8 | 240        | ug/Kg |
| 86-73-7    | Fluorene                   | 94    | J         | 36  | 60.8 | 240        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 29    | U         | 29  | 60.8 | 240        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 44    | U         | 44  | 120  | 470        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 110   | U         | 110 | 120  | 470        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 47    | U         | 47  | 60.8 | 240        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 34    | U         | 34  | 60.8 | 240        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 41    | U         | 41  | 60.8 | 240        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 46    | U         | 46  | 60.8 | 240        | ug/Kg |
| 1912-24-9  | Atrazine                   | 100   | U         | 100 | 120  | 470        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 110   | U         | 110 | 120  | 470        | ug/Kg |
| 85-01-8    | Phenanthrene               | 320   |           | 41  | 60.8 | 240        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 74    | U         | 74  | 60.8 | 240        | ug/Kg |
| 120-12-7   | Anthracene                 | 36    | U         | 36  | 60.8 | 240        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 71    | U         | 71  | 60.8 | 240        | ug/Kg |
| 86-74-8    | Carbazole                  | 40    | U         | 40  | 120  | 470        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 87    | U         | 87  | 60.8 | 240        | ug/Kg |
| 206-44-0   | Fluoranthene               | 160   | J         | 77  | 120  | 240        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | DCYL0     | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3438-02  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 30.3                  |
| 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 |
| BP021758.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 100    | J         | 70     | 60.8 | 240        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 120    | U         | 120    | 60.8 | 240        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 69     | U         | 69     | 120  | 470        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 39     | U         | 39     | 60.8 | 240        | ug/Kg    |
| 218-01-9          | Chrysene                    | 44     | U         | 44     | 60.8 | 240        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 140    | U         | 140    | 60.8 | 240        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 110    | U         | 110    | 120  | 470        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 47     | U         | 47     | 60.8 | 240        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 54     | U         | 54     | 60.8 | 240        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 46     | U         | 46     | 60.8 | 240        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 44     | U         | 44     | 60.8 | 240        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 40     | U         | 40     | 60.8 | 240        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 37     | U         | 37     | 60.8 | 240        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 47     | U         | 47     | 60.8 | 240        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.758  |           | 15-120 |      | 34         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 13.569 |           | 20-120 |      | 34         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 14.669 |           | 10-130 |      | 37         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 14.937 |           | 10-150 |      | 37         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 15.264 |           | 15-120 |      | 38         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 14.578 |           | 10-140 |      | 36         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 16.176 |           | 10-135 |      | 40         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 16.425 |           | 10-120 |      | 41         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 15.051 |           | 10-140 |      | 38         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 15.578 |           | 1-145  |      | 39         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 17.215 |           | 10-145 |      | 43         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 16.834 |           | 15-120 |      | 42         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 13.596 |           | 10-150 |      | 34         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 17.373 |           | 20-140 |      | 43         | SPK: -40 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | DCYL0      | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3438-02   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 30.3                  |
| 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 |
| BP021758.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 11.047  |           | 10-130 |     | 28         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 17.311  |           | 10-150 |     | 43         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 17.041  |           | 10-130 |     | 43         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 17.114  |           | 10-140 |     | 43         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 363223  | 7.781     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1414103 | 10.569    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 910472  | 14.428    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1990813 | 17.234    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 2075433 | 21.68     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 2409027 | 25.092    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-   | 1900    | J         |        |     | 3.017      |          |
| 000132-64-9                           | Dibenzo furan                 | 110     | J         |        |     | 14.834     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 120     | J         |        |     | 18.175     |          |
| E966796                               | Total Alkanes                 | 34      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | DCYL1     | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3438-03  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 34.4                  |
| 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 |
| BP021759.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 17    | U         | 17  | 10   | 100        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 68    | U         | 68  | 130  | 500        | ug/Kg |
| 110-86-1       | Pyridine                    | 50    | U         | 50  | 250  | 500        | ug/Kg |
| 108-95-2       | Phenol                      | 65    | U         | 65  | 130  | 500        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 61    | U         | 61  | 130  | 500        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 35    | U         | 35  | 64.6 | 260        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 59    | U         | 59  | 130  | 500        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 91    | U         | 91  | 130  | 500        | ug/Kg |
| 98-86-2        | Acetophenone                | 61    | U         | 61  | 130  | 500        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 56    | U         | 56  | 130  | 500        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 77    | U         | 77  | 64.6 | 260        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 27    | U         | 27  | 64.6 | 260        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 47    | U         | 47  | 64.6 | 260        | ug/Kg |
| 78-59-1        | Isophorone                  | 73    | U         | 73  | 64.6 | 260        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 47    | U         | 47  | 64.6 | 260        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 38    | U         | 38  | 64.6 | 260        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 65    | U         | 65  | 64.6 | 260        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 24    | U         | 24  | 64.6 | 260        | ug/Kg |
| 91-20-3        | Naphthalene                 | 38    | U         | 38  | 64.6 | 260        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 36    | U         | 36  | 64.6 | 500        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 67    | U         | 67  | 64.6 | 260        | ug/Kg |
| 105-60-2       | Caprolactam                 | 110   | U         | 110 | 130  | 500        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 74    | U         | 74  | 64.6 | 260        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 50    | U         | 50  | 64.6 | 260        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 35    | U         | 35  | 64.6 | 260        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 140   | U         | 140 | 130  | 500        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 74    | U         | 74  | 64.6 | 260        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 59    | U         | 59  | 64.6 | 260        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | DCYL1                 | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3438-03              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 34.4                  |
| 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 |
| BP021759.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 36    | U         | 36  | 64.6 | 260        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 40    | U         | 40  | 64.6 | 260        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 62    | U         | 62  | 64.6 | 260        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 44    | U         | 44  | 64.6 | 260        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 67    | U         | 67  | 64.6 | 260        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 49    | U         | 49  | 64.6 | 260        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 67    | U         | 67  | 130  | 500        | ug/Kg |
| 83-32-9    | Acenaphthene               | 110   | J         | 44  | 64.6 | 260        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 73    | U         | 73  | 130  | 500        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 67    | U         | 67  | 130  | 500        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 49    | U         | 49  | 64.6 | 260        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 65    | U         | 65  | 64.6 | 260        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 46    | U         | 46  | 64.6 | 260        | ug/Kg |
| 86-73-7    | Fluorene                   | 78    | J         | 38  | 64.6 | 260        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 30    | U         | 30  | 64.6 | 260        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 47    | U         | 47  | 130  | 500        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 120   | U         | 120 | 130  | 500        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 50    | U         | 50  | 64.6 | 260        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 36    | U         | 36  | 64.6 | 260        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 44    | U         | 44  | 64.6 | 260        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 49    | U         | 49  | 64.6 | 260        | ug/Kg |
| 1912-24-9  | Atrazine                   | 110   | U         | 110 | 130  | 500        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 110   | U         | 110 | 130  | 500        | ug/Kg |
| 85-01-8    | Phenanthrene               | 170   | J         | 44  | 64.6 | 260        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 79    | U         | 79  | 64.6 | 260        | ug/Kg |
| 120-12-7   | Anthracene                 | 38    | U         | 38  | 64.6 | 260        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 76    | U         | 76  | 64.6 | 260        | ug/Kg |
| 86-74-8    | Carbazole                  | 43    | U         | 43  | 130  | 500        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 93    | U         | 93  | 64.6 | 260        | ug/Kg |
| 206-44-0   | Fluoranthene               | 130   | J         | 82  | 130  | 260        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | DCYL1                 | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3438-03              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 34.4                  |
| 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 |
| BP021759.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 85     | J         | 74     | 64.6 | 260        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 130    | U         | 130    | 64.6 | 260        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 73     | U         | 73     | 130  | 500        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 41     | U         | 41     | 64.6 | 260        | ug/Kg    |
| 218-01-9          | Chrysene                    | 47     | U         | 47     | 64.6 | 260        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 150    | U         | 150    | 64.6 | 260        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 120    | U         | 120    | 130  | 500        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 50     | U         | 50     | 64.6 | 260        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 58     | U         | 58     | 64.6 | 260        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 49     | U         | 49     | 64.6 | 260        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 47     | U         | 47     | 64.6 | 260        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 43     | U         | 43     | 64.6 | 260        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 40     | U         | 40     | 64.6 | 260        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 50     | U         | 50     | 64.6 | 260        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.21   |           | 15-120 |      | 40         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 15.411 |           | 20-120 |      | 39         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 16.851 |           | 10-130 |      | 42         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 16.919 |           | 10-150 |      | 42         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 17.435 |           | 15-120 |      | 44         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 16.72  |           | 10-140 |      | 42         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 17.609 |           | 10-135 |      | 44         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 17.858 |           | 10-120 |      | 45         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 16.891 |           | 10-140 |      | 42         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 17.698 |           | 1-145  |      | 44         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 19.444 |           | 10-145 |      | 49         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 18.815 |           | 15-120 |      | 47         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 16.329 |           | 10-150 |      | 41         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 20.136 |           | 20-140 |      | 50         | SPK: -40 |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | DCYL1     | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3438-03  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 34.4                  |
| 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 |
| BP021759.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 12.458  |           | 10-130 |     | 31         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 20.042  |           | 10-150 |     | 50         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 20.228  |           | 10-130 |     | 51         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 20.331  |           | 10-140 |     | 51         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 283276  | 7.787     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1115916 | 10.569    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 720248  | 14.422    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1597539 | 17.228    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1660251 | 21.68     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1898353 | 25.092    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-   | 2300    | J         |        |     | 3.017      |          |
| 000057-55-6                           | Propylene Glycol              | 150     | J         |        |     | 3.54       |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol          | 180     | J         |        |     | 11.31      |          |
| E966796                               | Total Alkanes                 | 36      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 8/22/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 8/22/2024 12:00:00 AM |
| Client Sample ID:  | DCYL2      | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3438-04   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 25                    |
| 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 |
| BP021760.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 8.8  | 89         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 60    | U         | 60  | 110  | 440        | ug/Kg |
| 110-86-1       | Pyridine                    | 44    | U         | 44  | 220  | 440        | ug/Kg |
| 108-95-2       | Phenol                      | 57    | U         | 57  | 110  | 440        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 53    | U         | 53  | 110  | 440        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 31    | U         | 31  | 56.5 | 230        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 52    | U         | 52  | 110  | 440        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 80    | U         | 80  | 110  | 440        | ug/Kg |
| 98-86-2        | Acetophenone                | 53    | U         | 53  | 110  | 440        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 49    | U         | 49  | 110  | 440        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 68    | U         | 68  | 56.5 | 230        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 24    | U         | 24  | 56.5 | 230        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 41    | U         | 41  | 56.5 | 230        | ug/Kg |
| 78-59-1        | Isophorone                  | 64    | U         | 64  | 56.5 | 230        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 41    | U         | 41  | 56.5 | 230        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 33    | U         | 33  | 56.5 | 230        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 57    | U         | 57  | 56.5 | 230        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 21    | U         | 21  | 56.5 | 230        | ug/Kg |
| 91-20-3        | Naphthalene                 | 33    | U         | 33  | 56.5 | 230        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 32    | U         | 32  | 56.5 | 440        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 58    | U         | 58  | 56.5 | 230        | ug/Kg |
| 105-60-2       | Caprolactam                 | 96    | U         | 96  | 110  | 440        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 65    | U         | 65  | 56.5 | 230        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 44    | U         | 44  | 56.5 | 230        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 31    | U         | 31  | 56.5 | 230        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 130   | U         | 130 | 110  | 440        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 65    | U         | 65  | 56.5 | 230        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 52    | U         | 52  | 56.5 | 230        | ug/Kg |



## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 8/22/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 8/22/2024 12:00:00 AM       |
| Client Sample ID:  | DCYL2                 | SDG No.:        | BP083024                    |
| Lab Sample ID:     | P3438-04              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 25                          |
| 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 |
| BP021760.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 32    | U         | 32  | 56.5 | 230        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 35    | U         | 35  | 56.5 | 230        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 54    | U         | 54  | 56.5 | 230        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 39    | U         | 39  | 56.5 | 230        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 58    | U         | 58  | 56.5 | 230        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 43    | U         | 43  | 56.5 | 230        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 58    | U         | 58  | 110  | 440        | ug/Kg |
| 83-32-9    | Acenaphthene               | 39    | U         | 39  | 56.5 | 230        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 64    | U         | 64  | 110  | 440        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 58    | U         | 58  | 110  | 440        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 43    | U         | 43  | 56.5 | 230        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 57    | U         | 57  | 56.5 | 230        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 40    | U         | 40  | 56.5 | 230        | ug/Kg |
| 86-73-7    | Fluorene                   | 33    | U         | 33  | 56.5 | 230        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 27    | U         | 27  | 56.5 | 230        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 41    | U         | 41  | 110  | 440        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 100   | U         | 100 | 110  | 440        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 44    | U         | 44  | 56.5 | 230        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 32    | U         | 32  | 56.5 | 230        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 39    | U         | 39  | 56.5 | 230        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 43    | U         | 43  | 56.5 | 230        | ug/Kg |
| 1912-24-9  | Atrazine                   | 94    | U         | 94  | 110  | 440        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 98    | U         | 98  | 110  | 440        | ug/Kg |
| 85-01-8    | Phenanthrene               | 55    | J         | 39  | 56.5 | 230        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 69    | U         | 69  | 56.5 | 230        | ug/Kg |
| 120-12-7   | Anthracene                 | 33    | U         | 33  | 56.5 | 230        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 66    | U         | 66  | 56.5 | 230        | ug/Kg |
| 86-74-8    | Carbazole                  | 37    | U         | 37  | 110  | 440        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 81    | U         | 81  | 56.5 | 230        | ug/Kg |
| 206-44-0   | Fluoranthene               | 72    | U         | 72  | 110  | 230        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 8/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 8/22/2024 12:00:00 AM |
| Client Sample ID:  | DCYL2     | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3438-04  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 25                    |
| 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 |
| BP021760.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 65     | U         | 65     | 56.5 | 230        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 110    | U         | 110    | 56.5 | 230        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 64     | U         | 64     | 110  | 440        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 36     | U         | 36     | 56.5 | 230        | ug/Kg    |
| 218-01-9          | Chrysene                    | 41     | U         | 41     | 56.5 | 230        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 130    | U         | 130    | 56.5 | 230        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 100    | U         | 100    | 110  | 440        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 44     | U         | 44     | 56.5 | 230        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 50     | U         | 50     | 56.5 | 230        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 43     | U         | 43     | 56.5 | 230        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 41     | U         | 41     | 56.5 | 230        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 37     | U         | 37     | 56.5 | 230        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 35     | U         | 35     | 56.5 | 230        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 44     | U         | 44     | 56.5 | 230        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.595  |           | 15-120 |      | 32         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 5.493  | *         | 20-120 |      | 14         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 14.397 |           | 10-130 |      | 36         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 15.394 |           | 10-150 |      | 38         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 15.653 |           | 15-120 |      | 39         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 14.341 |           | 10-140 |      | 36         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 16.079 |           | 10-135 |      | 40         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 15.358 |           | 10-120 |      | 38         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 15.383 |           | 10-140 |      | 38         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 14.019 |           | 1-145  |      | 35         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 15.626 |           | 10-145 |      | 39         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 17.025 |           | 15-120 |      | 43         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 11.367 |           | 10-150 |      | 28         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 17.924 |           | 20-140 |      | 45         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 8/22/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 8/22/2024 12:00:00 AM |
| Client Sample ID:  | DCYL2              | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3438-04           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 25                    |
| 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 |
| BP021760.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 8.149   |           | 10-130 |     | 20         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 17.509  |           | 10-150 |     | 44         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 17.796  |           | 10-130 |     | 44         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 17.559  |           | 10-140 |     | 44         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 347030  | 7.787     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 1374677 | 10.575    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 916413  | 14.428    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 2031048 | 17.233    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 2019062 | 21.686    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 2256054 | 25.086    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-        | 2000    | J         |        |     | 3.022      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol               | 120     | J         |        |     | 11.31      |          |
| 035060-26-5                           | D:B-Friedo-18,19-secolup-19-ene, 3 | 480     | J         |        |     | 29.586     |          |
| E966796                               | Total Alkanes                      | 32      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 8/22/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 8/22/2024 12:00:00 AM       |
| Client Sample ID:  | DCYL3                 | SDG No.:        | BP083024                    |
| Lab Sample ID:     | P3438-05              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 26.5                        |
| 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 |
| BP021761.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 8.9  | 90         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 61    | U         | 61  | 110  | 450        | ug/Kg |
| 110-86-1       | Pyridine                    | 45    | U         | 45  | 220  | 450        | ug/Kg |
| 108-95-2       | Phenol                      | 58    | U         | 58  | 110  | 450        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 54    | U         | 54  | 110  | 450        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 31    | U         | 31  | 57.6 | 230        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 53    | U         | 53  | 110  | 450        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 81    | U         | 81  | 110  | 450        | ug/Kg |
| 98-86-2        | Acetophenone                | 54    | U         | 54  | 110  | 450        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 50    | U         | 50  | 110  | 450        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 69    | U         | 69  | 57.6 | 230        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 24    | U         | 24  | 57.6 | 230        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 42    | U         | 42  | 57.6 | 230        | ug/Kg |
| 78-59-1        | Isophorone                  | 65    | U         | 65  | 57.6 | 230        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 42    | U         | 42  | 57.6 | 230        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 34    | U         | 34  | 57.6 | 230        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 58    | U         | 58  | 57.6 | 230        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 22    | U         | 22  | 57.6 | 230        | ug/Kg |
| 91-20-3        | Naphthalene                 | 96    | J         | 34  | 57.6 | 230        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 33    | U         | 33  | 57.6 | 450        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 60    | U         | 60  | 57.6 | 230        | ug/Kg |
| 105-60-2       | Caprolactam                 | 98    | U         | 98  | 110  | 450        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 66    | U         | 66  | 57.6 | 230        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 45    | U         | 45  | 57.6 | 230        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 31    | U         | 31  | 57.6 | 230        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 130   | U         | 130 | 110  | 450        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 66    | U         | 66  | 57.6 | 230        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 53    | U         | 53  | 57.6 | 230        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 8/22/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 8/22/2024 12:00:00 AM       |
| Client Sample ID:  | DCYL3                 | SDG No.:        | BP083024                    |
| Lab Sample ID:     | P3438-05              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 26.5                        |
| 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 |
| BP021761.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 33    | U         | 33  | 57.6 | 230        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 35    | U         | 35  | 57.6 | 230        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 56    | U         | 56  | 57.6 | 230        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 39    | U         | 39  | 57.6 | 230        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 60    | U         | 60  | 57.6 | 230        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 43    | U         | 43  | 57.6 | 230        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 60    | U         | 60  | 110  | 450        | ug/Kg |
| 83-32-9    | Acenaphthene               | 48    | J         | 39  | 57.6 | 230        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 65    | U         | 65  | 110  | 450        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 60    | U         | 60  | 110  | 450        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 43    | U         | 43  | 57.6 | 230        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 58    | U         | 58  | 57.6 | 230        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 41    | U         | 41  | 57.6 | 230        | ug/Kg |
| 86-73-7    | Fluorene                   | 34    | U         | 34  | 57.6 | 230        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 27    | U         | 27  | 57.6 | 230        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 42    | U         | 42  | 110  | 450        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 100   | U         | 100 | 110  | 450        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 45    | U         | 45  | 57.6 | 230        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 33    | U         | 33  | 57.6 | 230        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 39    | U         | 39  | 57.6 | 230        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 43    | U         | 43  | 57.6 | 230        | ug/Kg |
| 1912-24-9  | Atrazine                   | 96    | U         | 96  | 110  | 450        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 100   | U         | 100 | 110  | 450        | ug/Kg |
| 85-01-8    | Phenanthrene               | 84    | J         | 39  | 57.6 | 230        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 71    | U         | 71  | 57.6 | 230        | ug/Kg |
| 120-12-7   | Anthracene                 | 34    | U         | 34  | 57.6 | 230        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 68    | U         | 68  | 57.6 | 230        | ug/Kg |
| 86-74-8    | Carbazole                  | 38    | U         | 38  | 110  | 450        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 83    | U         | 83  | 57.6 | 230        | ug/Kg |
| 206-44-0   | Fluoranthene               | 73    | U         | 73  | 110  | 230        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 8/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 8/22/2024 12:00:00 AM |
| Client Sample ID:  | DCYL3     | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3438-05  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 26.5                  |
| 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 |
| BP021761.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 66     | U         | 66     | 57.6 | 230        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 110    | U         | 110    | 57.6 | 230        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 65     | U         | 65     | 110  | 450        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 37     | U         | 37     | 57.6 | 230        | ug/Kg    |
| 218-01-9          | Chrysene                    | 42     | U         | 42     | 57.6 | 230        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 130    | U         | 130    | 57.6 | 230        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 100    | U         | 100    | 110  | 450        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 45     | U         | 45     | 57.6 | 230        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 52     | U         | 52     | 57.6 | 230        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 43     | U         | 43     | 57.6 | 230        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 42     | U         | 42     | 57.6 | 230        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 38     | U         | 38     | 57.6 | 230        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 35     | U         | 35     | 57.6 | 230        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 45     | U         | 45     | 57.6 | 230        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.638  |           | 15-120 |      | 33         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 11.876 |           | 20-120 |      | 30         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 13.957 |           | 10-130 |      | 35         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 14.344 |           | 10-150 |      | 36         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 14.702 |           | 15-120 |      | 37         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 14.035 |           | 10-140 |      | 35         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 15.206 |           | 10-135 |      | 38         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 14.82  |           | 10-120 |      | 37         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 14.261 |           | 10-140 |      | 36         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 13.931 |           | 1-145  |      | 35         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 15.332 |           | 10-145 |      | 38         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 15.656 |           | 15-120 |      | 39         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 11.468 |           | 10-150 |      | 29         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 16.043 |           | 20-140 |      | 40         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 8/22/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 8/22/2024 12:00:00 AM |
| Client Sample ID:  | DCYL3              | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3438-05           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 26.5                  |
| 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 |
| BP021761.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 10.044  |           | 10-130 |     | 25         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 16.374  |           | 10-150 |     | 41         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 15.932  |           | 10-130 |     | 40         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 16.452  |           | 10-140 |     | 41         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 403171  | 7.781     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1602803 | 10.563    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 1016955 | 14.428    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 2075162 | 17.222    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 2047146 | 21.686    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 2420815 | 25.092    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-   | 1600    | J         |        |     | 3.017      |          |
| 000057-55-6                           | Propylene Glycol              | 94      | J         |        |     | 3.54       |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol          | 110     | J         |        |     | 11.31      |          |
| 002004-39-9                           | 1-Heptacosanol                | 93      | J         |        |     | 21.357     |          |
| E966796                               | Total Alkanes                 | 33      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/26/2024 12:00:00 AM |
| Client Sample ID:  | DCYL5        | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3438-09     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 23                    |
| 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 |
| BP021762.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 14    | U         | 14  | 8.6  | 87         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 58    | U         | 58  | 110  | 430        | ug/Kg |
| 110-86-1       | Pyridine                    | 43    | U         | 43  | 210  | 430        | ug/Kg |
| 108-95-2       | Phenol                      | 56    | U         | 56  | 110  | 430        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 52    | U         | 52  | 110  | 430        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 30    | U         | 30  | 55.2 | 220        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 51    | U         | 51  | 110  | 430        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 78    | U         | 78  | 110  | 430        | ug/Kg |
| 98-86-2        | Acetophenone                | 52    | U         | 52  | 110  | 430        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 48    | U         | 48  | 110  | 430        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 66    | U         | 66  | 55.2 | 220        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 23    | U         | 23  | 55.2 | 220        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 40    | U         | 40  | 55.2 | 220        | ug/Kg |
| 78-59-1        | Isophorone                  | 62    | U         | 62  | 55.2 | 220        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 40    | U         | 40  | 55.2 | 220        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 32    | U         | 32  | 55.2 | 220        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 56    | U         | 56  | 55.2 | 220        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 21    | U         | 21  | 55.2 | 220        | ug/Kg |
| 91-20-3        | Naphthalene                 | 32    | U         | 32  | 55.2 | 220        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 31    | U         | 31  | 55.2 | 430        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 57    | U         | 57  | 55.2 | 220        | ug/Kg |
| 105-60-2       | Caprolactam                 | 94    | U         | 94  | 110  | 430        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 64    | U         | 64  | 55.2 | 220        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 43    | U         | 43  | 55.2 | 220        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 30    | U         | 30  | 55.2 | 220        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 120   | U         | 120 | 110  | 430        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 64    | U         | 64  | 55.2 | 220        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 51    | U         | 51  | 55.2 | 220        | ug/Kg |



## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/26/2024 12:00:00 AM |
| Client Sample ID:  | DCYL5        | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3438-09     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 23                    |
| 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 |
| BP021762.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 31    | U         | 31  | 55.2 | 220        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 34    | U         | 34  | 55.2 | 220        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 53    | U         | 53  | 55.2 | 220        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 38    | U         | 38  | 55.2 | 220        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 57    | U         | 57  | 55.2 | 220        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 42    | U         | 42  | 55.2 | 220        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 57    | U         | 57  | 110  | 430        | ug/Kg |
| 83-32-9    | Acenaphthene               | 38    | U         | 38  | 55.2 | 220        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 62    | U         | 62  | 110  | 430        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 57    | U         | 57  | 110  | 430        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 42    | U         | 42  | 55.2 | 220        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 56    | U         | 56  | 55.2 | 220        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 39    | U         | 39  | 55.2 | 220        | ug/Kg |
| 86-73-7    | Fluorene                   | 32    | U         | 32  | 55.2 | 220        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 26    | U         | 26  | 55.2 | 220        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 40    | U         | 40  | 110  | 430        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 100   | U         | 100 | 110  | 430        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 43    | U         | 43  | 55.2 | 220        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 31    | U         | 31  | 55.2 | 220        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 38    | U         | 38  | 55.2 | 220        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 42    | U         | 42  | 55.2 | 220        | ug/Kg |
| 1912-24-9  | Atrazine                   | 92    | U         | 92  | 110  | 430        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 96    | U         | 96  | 110  | 430        | ug/Kg |
| 85-01-8    | Phenanthrene               | 38    | U         | 38  | 55.2 | 220        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 68    | U         | 68  | 55.2 | 220        | ug/Kg |
| 120-12-7   | Anthracene                 | 32    | U         | 32  | 55.2 | 220        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 65    | U         | 65  | 55.2 | 220        | ug/Kg |
| 86-74-8    | Carbazole                  | 36    | U         | 36  | 110  | 430        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 79    | U         | 79  | 55.2 | 220        | ug/Kg |
| 206-44-0   | Fluoranthene               | 70    | U         | 70  | 110  | 220        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/26/2024 12:00:00 AM |
| Client Sample ID:  | DCYL5        | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3438-09     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 23                    |
| 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 |
| BP021762.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 64     | U         | 64     | 55.2 | 220        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 110    | U         | 110    | 55.2 | 220        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 62     | U         | 62     | 110  | 430        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 35     | U         | 35     | 55.2 | 220        | ug/Kg    |
| 218-01-9          | Chrysene                    | 40     | U         | 40     | 55.2 | 220        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 120    | U         | 120    | 55.2 | 220        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 99     | U         | 99     | 110  | 430        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 43     | U         | 43     | 55.2 | 220        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 49     | U         | 49     | 55.2 | 220        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 42     | U         | 42     | 55.2 | 220        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 40     | U         | 40     | 55.2 | 220        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 36     | U         | 36     | 55.2 | 220        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 34     | U         | 34     | 55.2 | 220        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 43     | U         | 43     | 55.2 | 220        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.988  |           | 15-120 |      | 50         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 18.507 |           | 20-120 |      | 46         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 19.722 |           | 10-130 |      | 49         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 19.787 |           | 10-150 |      | 49         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 20.652 |           | 15-120 |      | 52         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 19.278 |           | 10-140 |      | 48         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 21.294 |           | 10-135 |      | 53         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 21.207 |           | 10-120 |      | 53         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 19.317 |           | 10-140 |      | 48         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 19.809 |           | 1-145  |      | 50         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 21.155 |           | 10-145 |      | 53         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 21.614 |           | 15-120 |      | 54         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 16.705 |           | 10-150 |      | 42         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 21.791 |           | 20-140 |      | 54         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/26/2024 12:00:00 AM |
| Client Sample ID:  | DCYL5        | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3438-09     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 23                    |
| 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 |
| BP021762.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 13.865  |           | 10-130 |     | 35         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 22.215  |           | 10-150 |     | 56         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 21.937  |           | 10-130 |     | 55         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 22.143  |           | 10-140 |     | 55         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 328997  | 7.781     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1276741 | 10.569    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 754629  | 14.434    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1523421 | 17.234    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1504695 | 21.68     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1787453 | 25.08     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-   | 2300    | J         |        |     | 3.017      |          |
| 000057-55-6                           | Propylene Glycol              | 140     | J         |        |     | 3.54       |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol          | 160     | J         |        |     | 11.316     |          |
|                                       | (DEL) Alkane: Cyclic          | 100     | J         |        |     | 21.345     |          |
| E966796                               | Total Alkanes                 | 100     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 8/26/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 8/26/2024 12:00:00 AM       |
| Client Sample ID:  | DCYL6                 | SDG No.:        | BP083024                    |
| Lab Sample ID:     | P3438-10              | 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 |
| BP021763.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 14    | U         | 14  | 8.2  | 83         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 56    | U         | 56  | 100  | 410        | ug/Kg |
| 110-86-1       | Pyridine                    | 41    | U         | 41  | 200  | 410        | ug/Kg |
| 108-95-2       | Phenol                      | 53    | U         | 53  | 100  | 410        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 50    | U         | 50  | 100  | 410        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 28    | U         | 28  | 52.6 | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 48    | U         | 48  | 100  | 410        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 74    | U         | 74  | 100  | 410        | ug/Kg |
| 98-86-2        | Acetophenone                | 50    | U         | 50  | 100  | 410        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 46    | U         | 46  | 100  | 410        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 63    | U         | 63  | 52.6 | 210        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 22    | U         | 22  | 52.6 | 210        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 38    | U         | 38  | 52.6 | 210        | ug/Kg |
| 78-59-1        | Isophorone                  | 59    | U         | 59  | 52.6 | 210        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 38    | U         | 38  | 52.6 | 210        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 31    | U         | 31  | 52.6 | 210        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 53    | U         | 53  | 52.6 | 210        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 20    | U         | 20  | 52.6 | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 260   |           | 31  | 52.6 | 210        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 30    | U         | 30  | 52.6 | 410        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 54    | U         | 54  | 52.6 | 210        | ug/Kg |
| 105-60-2       | Caprolactam                 | 89    | U         | 89  | 100  | 410        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 61    | U         | 61  | 52.6 | 210        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 120   | J         | 41  | 52.6 | 210        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 100   | J         | 28  | 52.6 | 210        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 120   | U         | 120 | 100  | 410        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 61    | U         | 61  | 52.6 | 210        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 48    | U         | 48  | 52.6 | 210        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/26/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/26/2024 12:00:00 AM |
| Client Sample ID:  | DCYL6                 | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3438-10              | 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 |
| BP021763.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 30    | U         | 30  | 52.6 | 210        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 32    | U         | 32  | 52.6 | 210        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 51    | U         | 51  | 52.6 | 210        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 36    | U         | 36  | 52.6 | 210        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 54    | U         | 54  | 52.6 | 210        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 40    | U         | 40  | 52.6 | 210        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 54    | U         | 54  | 100  | 410        | ug/Kg |
| 83-32-9    | Acenaphthene               | 460   |           | 36  | 52.6 | 210        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 59    | U         | 59  | 100  | 410        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 54    | U         | 54  | 100  | 410        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 40    | U         | 40  | 52.6 | 210        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 53    | U         | 53  | 52.6 | 210        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 37    | U         | 37  | 52.6 | 210        | ug/Kg |
| 86-73-7    | Fluorene                   | 470   |           | 31  | 52.6 | 210        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 25    | U         | 25  | 52.6 | 210        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 38    | U         | 38  | 100  | 410        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 95    | U         | 95  | 100  | 410        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 41    | U         | 41  | 52.6 | 210        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 30    | U         | 30  | 52.6 | 210        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 36    | U         | 36  | 52.6 | 210        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 40    | U         | 40  | 52.6 | 210        | ug/Kg |
| 1912-24-9  | Atrazine                   | 88    | U         | 88  | 100  | 410        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 92    | U         | 92  | 100  | 410        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1800  |           | 36  | 52.6 | 210        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 64    | U         | 64  | 52.6 | 210        | ug/Kg |
| 120-12-7   | Anthracene                 | 200   | J         | 31  | 52.6 | 210        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 62    | U         | 62  | 52.6 | 210        | ug/Kg |
| 86-74-8    | Carbazole                  | 35    | U         | 35  | 100  | 410        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 76    | U         | 76  | 52.6 | 210        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1100  |           | 67  | 100  | 210        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 8/26/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 8/26/2024 12:00:00 AM       |
| Client Sample ID:  | DCYL6                 | SDG No.:        | BP083024                    |
| Lab Sample ID:     | P3438-10              | 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 |
| BP021763.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 680    |           | 61     | 52.6 | 210        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 100    | U         | 100    | 52.6 | 210        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 59     | U         | 59     | 100  | 410        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 200    | J         | 33     | 52.6 | 210        | ug/Kg    |
| 218-01-9          | Chrysene                    | 170    | J         | 38     | 52.6 | 210        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 120    | U         | 120    | 52.6 | 210        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 94     | U         | 94     | 100  | 410        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 110    | J         | 41     | 52.6 | 210        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 47     | U         | 47     | 52.6 | 210        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 64     | J         | 40     | 52.6 | 210        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 38     | U         | 38     | 52.6 | 210        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 35     | U         | 35     | 52.6 | 210        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 32     | U         | 32     | 52.6 | 210        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 41     | U         | 41     | 52.6 | 210        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.005  |           | 15-120 |      | 38         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 14.13  |           | 20-120 |      | 35         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 15.03  |           | 10-130 |      | 38         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 15.497 |           | 10-150 |      | 39         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 15.786 |           | 15-120 |      | 39         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 14.574 |           | 10-140 |      | 36         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 16.579 |           | 10-135 |      | 41         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 16.366 |           | 10-120 |      | 41         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 14.761 |           | 10-140 |      | 37         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 15.314 |           | 1-145  |      | 38         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 15.794 |           | 10-145 |      | 39         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 16.733 |           | 15-120 |      | 42         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 9.817  |           | 10-150 |      | 25         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 16.151 |           | 20-140 |      | 40         | SPK: -40 |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 8/26/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 8/26/2024 12:00:00 AM |
| Client Sample ID:  | DCYL6     | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3438-10  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 19.5                  |
| 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 |
| BP021763.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number                            | Parameter                       | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|---------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2   | 9.604   |           | 10-130 |     | 24         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                  | 16.396  |           | 10-150 |     | 41         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                      | 16.126  |           | 10-130 |     | 40         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12              | 17.472  |           | 10-140 |     | 44         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                 |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4          | 359062  | 7.787     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                  | 1360809 | 10.569    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                | 771461  | 14.422    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                | 1376720 | 17.222    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                    | 1315815 | 21.686    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                    | 1755788 | 25.08     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                 |         |           |        |     |            |          |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-     | 2000    | J         |        |     | 3.017      |          |
| 004254-14-2                           | R-(-)-1,2-propanediol           | 99      | J         |        |     | 3.54       |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol            | 120     | J         |        |     | 11.316     |          |
| 000092-52-4                           | Biphenyl                        | 97      | J         |        |     | 13.246     |          |
| 000571-61-9                           | Naphthalene, 1,5-dimethyl-      | 93      | J         |        |     | 13.593     |          |
| 000581-40-8                           | Naphthalene, 2,3-dimethyl-      | 98      | J         |        |     | 13.74      |          |
| 000132-64-9                           | Dibenzo furan                   | 450     | J         |        |     | 14.828     |          |
| 003218-36-8                           | [1,1-Biphenyl]-4-carboxaldehyde | 110     | J         |        |     | 15.793     |          |
| 000229-95-8                           | 6H-Dibenzo[b,d]-pyran           | 160     | J         |        |     | 15.94      |          |
| 001730-37-6                           | 9H-Fluorene, 1-methyl-          | 95      | J         |        |     | 16.51      |          |
| 000132-65-0                           | Dibenzothiophene                | 160     | J         |        |     | 17.04      |          |
| 002531-84-2                           | Phenanthrene, 2-methyl-         | 130     | J         |        |     | 18.134     |          |
| 000832-69-9                           | Phenanthrene, 1-methyl-         | 190     | J         |        |     | 18.181     |          |
| 000203-64-5                           | 4H-Cyclopenta[def]phenanthrene  | 260     | J         |        |     | 18.334     |          |
| 000612-94-2                           | Naphthalene, 2-phenyl-          | 97      | J         |        |     | 18.657     |          |
| 033543-31-6                           | Fluoranthene, 2-methyl-         | 84      | J         |        |     | 20.251     |          |
| E966796                               | Total Alkanes                   | 30      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 8/26/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 8/26/2024 12:00:00 AM |
| Client Sample ID:  | DCYL6              | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3438-10           | 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 |
| BP021763.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

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



## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/26/2024 12:00:00 AM |
| Client Sample ID:  | DCYL7        | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3438-11     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 21.6                  |
| 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 |
| BP021764.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 14    | U         | 14  | 8.4  | 85         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 57    | U         | 57  | 110  | 420        | ug/Kg |
| 110-86-1       | Pyridine                    | 42    | U         | 42  | 210  | 420        | ug/Kg |
| 108-95-2       | Phenol                      | 55    | U         | 55  | 110  | 420        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 51    | U         | 51  | 110  | 420        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 29    | U         | 29  | 54.2 | 220        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 50    | U         | 50  | 110  | 420        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 77    | U         | 77  | 110  | 420        | ug/Kg |
| 98-86-2        | Acetophenone                | 51    | U         | 51  | 110  | 420        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 47    | U         | 47  | 110  | 420        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 65    | U         | 65  | 54.2 | 220        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 23    | U         | 23  | 54.2 | 220        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 40    | U         | 40  | 54.2 | 220        | ug/Kg |
| 78-59-1        | Isophorone                  | 61    | U         | 61  | 54.2 | 220        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 40    | U         | 40  | 54.2 | 220        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 32    | U         | 32  | 54.2 | 220        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 55    | U         | 55  | 54.2 | 220        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 20    | U         | 20  | 54.2 | 220        | ug/Kg |
| 91-20-3        | Naphthalene                 | 51    | J         | 32  | 54.2 | 220        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 31    | U         | 31  | 54.2 | 420        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 56    | U         | 56  | 54.2 | 220        | ug/Kg |
| 105-60-2       | Caprolactam                 | 92    | U         | 92  | 110  | 420        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 63    | U         | 63  | 54.2 | 220        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 42    | U         | 42  | 54.2 | 220        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 29    | U         | 29  | 54.2 | 220        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 120   | U         | 120 | 110  | 420        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 63    | U         | 63  | 54.2 | 220        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 50    | U         | 50  | 54.2 | 220        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/26/2024 12:00:00 AM |
| Client Sample ID:  | DCYL7        | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3438-11     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 21.6                  |
| 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 |
| BP021764.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 31    | U         | 31  | 54.2 | 220        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 33    | U         | 33  | 54.2 | 220        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 52    | U         | 52  | 54.2 | 220        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 37    | U         | 37  | 54.2 | 220        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 56    | U         | 56  | 54.2 | 220        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 41    | U         | 41  | 54.2 | 220        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 56    | U         | 56  | 110  | 420        | ug/Kg |
| 83-32-9    | Acenaphthene               | 37    | U         | 37  | 54.2 | 220        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 61    | U         | 61  | 110  | 420        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 56    | U         | 56  | 110  | 420        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 41    | U         | 41  | 54.2 | 220        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 55    | U         | 55  | 54.2 | 220        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 38    | U         | 38  | 54.2 | 220        | ug/Kg |
| 86-73-7    | Fluorene                   | 47    | J         | 32  | 54.2 | 220        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 26    | U         | 26  | 54.2 | 220        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 40    | U         | 40  | 110  | 420        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 98    | U         | 98  | 110  | 420        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 42    | U         | 42  | 54.2 | 220        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 31    | U         | 31  | 54.2 | 220        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 37    | U         | 37  | 54.2 | 220        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 41    | U         | 41  | 54.2 | 220        | ug/Kg |
| 1912-24-9  | Atrazine                   | 91    | U         | 91  | 110  | 420        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 94    | U         | 94  | 110  | 420        | ug/Kg |
| 85-01-8    | Phenanthrene               | 210   | J         | 37  | 54.2 | 220        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 66    | U         | 66  | 54.2 | 220        | ug/Kg |
| 120-12-7   | Anthracene                 | 32    | U         | 32  | 54.2 | 220        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 64    | U         | 64  | 54.2 | 220        | ug/Kg |
| 86-74-8    | Carbazole                  | 36    | U         | 36  | 110  | 420        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 78    | U         | 78  | 54.2 | 220        | ug/Kg |
| 206-44-0   | Fluoranthene               | 120   | J         | 69  | 110  | 220        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/26/2024 12:00:00 AM |
| Client Sample ID:  | DCYL7        | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3438-11     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 21.6                  |
| 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 |
| BP021764.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 79     | J         | 63     | 54.2 | 220        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 110    | U         | 110    | 54.2 | 220        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 61     | U         | 61     | 110  | 420        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 34     | U         | 34     | 54.2 | 220        | ug/Kg    |
| 218-01-9          | Chrysene                    | 40     | U         | 40     | 54.2 | 220        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 120    | U         | 120    | 54.2 | 220        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 97     | U         | 97     | 110  | 420        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 42     | U         | 42     | 54.2 | 220        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 48     | U         | 48     | 54.2 | 220        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 41     | U         | 41     | 54.2 | 220        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 40     | U         | 40     | 54.2 | 220        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 36     | U         | 36     | 54.2 | 220        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 33     | U         | 33     | 54.2 | 220        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 42     | U         | 42     | 54.2 | 220        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.787  |           | 15-120 |      | 47         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 17.878 |           | 20-120 |      | 45         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 18.715 |           | 10-130 |      | 47         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 19.598 |           | 10-150 |      | 49         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 19.931 |           | 15-120 |      | 50         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 18.799 |           | 10-140 |      | 47         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 20.487 |           | 10-135 |      | 51         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 20.592 |           | 10-120 |      | 51         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 18.491 |           | 10-140 |      | 46         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 19.633 |           | 1-145  |      | 49         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 20.71  |           | 10-145 |      | 52         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 20.865 |           | 15-120 |      | 52         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 14.769 |           | 10-150 |      | 37         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 20.877 |           | 20-140 |      | 52         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/26/2024 12:00:00 AM |
| Client Sample ID:  | DCYL7        | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3438-11     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 21.6                  |
| 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 |
| BP021764.D        | 1         | 8/28/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163042      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 13.108  |           | 10-130 |     | 33         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 20.763  |           | 10-150 |     | 52         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 21.436  |           | 10-130 |     | 54         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 21.451  |           | 10-140 |     | 54         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 317430  | 7.781     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1263837 | 10.569    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 792531  | 14.428    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1614730 | 17.228    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1498317 | 21.675    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1776856 | 25.086    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-   | 2100    | J         |        |     | 3.017      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol          | 100     | J         |        |     | 11.316     |          |
| E966796                               | Total Alkanes                 | 31      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | A4498        | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-04     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 24.7                  |
| 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 |
| BP021765.D        | 1         | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163016      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 8.8  | 89         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 60    | U         | 60  | 110  | 440        | ug/Kg |
| 110-86-1       | Pyridine                    | 44    | U         | 44  | 220  | 440        | ug/Kg |
| 108-95-2       | Phenol                      | 57    | U         | 57  | 110  | 440        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 53    | U         | 53  | 110  | 440        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 31    | U         | 31  | 56.4 | 230        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 52    | U         | 52  | 110  | 440        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 80    | U         | 80  | 110  | 440        | ug/Kg |
| 98-86-2        | Acetophenone                | 53    | U         | 53  | 110  | 440        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 49    | U         | 49  | 110  | 440        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 68    | U         | 68  | 56.4 | 230        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 24    | U         | 24  | 56.4 | 230        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 41    | U         | 41  | 56.4 | 230        | ug/Kg |
| 78-59-1        | Isophorone                  | 64    | U         | 64  | 56.4 | 230        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 41    | U         | 41  | 56.4 | 230        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 33    | U         | 33  | 56.4 | 230        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 57    | U         | 57  | 56.4 | 230        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 21    | U         | 21  | 56.4 | 230        | ug/Kg |
| 91-20-3        | Naphthalene                 | 33    | U         | 33  | 56.4 | 230        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 32    | U         | 32  | 56.4 | 440        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 58    | U         | 58  | 56.4 | 230        | ug/Kg |
| 105-60-2       | Caprolactam                 | 96    | U         | 96  | 110  | 440        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 65    | U         | 65  | 56.4 | 230        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 44    | U         | 44  | 56.4 | 230        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 31    | U         | 31  | 56.4 | 230        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 130   | U         | 130 | 110  | 440        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 65    | U         | 65  | 56.4 | 230        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 52    | U         | 52  | 56.4 | 230        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | A4498        | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-04     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 24.7                  |
| 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 |
| BP021765.D        | 1         | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163016      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 32    | U         | 32  | 56.4 | 230        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 35    | U         | 35  | 56.4 | 230        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 54    | U         | 54  | 56.4 | 230        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 39    | U         | 39  | 56.4 | 230        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 58    | U         | 58  | 56.4 | 230        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 42    | U         | 42  | 56.4 | 230        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 58    | U         | 58  | 110  | 440        | ug/Kg |
| 83-32-9    | Acenaphthene               | 39    | U         | 39  | 56.4 | 230        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 64    | U         | 64  | 110  | 440        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 58    | U         | 58  | 110  | 440        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 42    | U         | 42  | 56.4 | 230        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 57    | U         | 57  | 56.4 | 230        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 40    | U         | 40  | 56.4 | 230        | ug/Kg |
| 86-73-7    | Fluorene                   | 33    | U         | 33  | 56.4 | 230        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 27    | U         | 27  | 56.4 | 230        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 41    | U         | 41  | 110  | 440        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 100   | U         | 100 | 110  | 440        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 44    | U         | 44  | 56.4 | 230        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 32    | U         | 32  | 56.4 | 230        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 39    | U         | 39  | 56.4 | 230        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 42    | U         | 42  | 56.4 | 230        | ug/Kg |
| 1912-24-9  | Atrazine                   | 94    | U         | 94  | 110  | 440        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 98    | U         | 98  | 110  | 440        | ug/Kg |
| 85-01-8    | Phenanthrene               | 39    | U         | 39  | 56.4 | 230        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 69    | U         | 69  | 56.4 | 230        | ug/Kg |
| 120-12-7   | Anthracene                 | 33    | U         | 33  | 56.4 | 230        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 66    | U         | 66  | 56.4 | 230        | ug/Kg |
| 86-74-8    | Carbazole                  | 37    | U         | 37  | 110  | 440        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 81    | U         | 81  | 56.4 | 230        | ug/Kg |
| 206-44-0   | Fluoranthene               | 72    | U         | 72  | 110  | 230        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | A4498        | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-04     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 24.7                  |
| 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 |
| BP021765.D        | 1         | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163016      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 65     | U         | 65     | 56.4 | 230        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 110    | U         | 110    | 56.4 | 230        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 64     | U         | 64     | 110  | 440        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 36     | U         | 36     | 56.4 | 230        | ug/Kg    |
| 218-01-9          | Chrysene                    | 41     | U         | 41     | 56.4 | 230        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 130    | U         | 130    | 56.4 | 230        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 100    | U         | 100    | 110  | 440        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 44     | U         | 44     | 56.4 | 230        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 50     | U         | 50     | 56.4 | 230        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 42     | U         | 42     | 56.4 | 230        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 41     | U         | 41     | 56.4 | 230        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 37     | U         | 37     | 56.4 | 230        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 35     | U         | 35     | 56.4 | 230        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 44     | U         | 44     | 56.4 | 230        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.359  |           | 15-120 |      | 54         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 22.033 |           | 20-120 |      | 55         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 23.413 |           | 10-130 |      | 59         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 23.212 |           | 10-150 |      | 58         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.152 |           | 15-120 |      | 60         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 22.968 |           | 10-140 |      | 57         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 25.208 |           | 10-135 |      | 63         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 24.888 |           | 10-120 |      | 62         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 23.381 |           | 10-140 |      | 58         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.39  |           | 1-145  |      | 61         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.834 |           | 10-145 |      | 67         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 26.418 |           | 15-120 |      | 66         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 22.131 |           | 10-150 |      | 55         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 27.143 |           | 20-140 |      | 68         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | A4498        | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-04     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 24.7                  |
| 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 |
| BP021765.D        | 1         | 8/27/2024 12:00:00 AM | 8/30/2024 12:00:00 AM | PB163016      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 18.45   |           | 10-130 |     | 46         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 27.201  |           | 10-150 |     | 68         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 28.314  |           | 10-130 |     | 71         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 28.287  |           | 10-140 |     | 71         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 254689  | 7.781     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 998108  | 10.569    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 616841  | 14.422    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1260433 | 17.228    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1264102 | 21.692    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1455023 | 25.074    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-   | 2100    | J         |        |     | 3.017      |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 100     | J         |        |     | 18.175     |          |
| E966796                               | Total Alkanes                 | 32      | U         |        |     | 99         | ug/Kg    |



## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | A44A0     | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-06  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 11.1                  |
| 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 |
| BP021766.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163016      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 12    | U         | 12  | 7.4  | 75         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 50    | U         | 50  | 92.5 | 370        | ug/Kg |
| 110-86-1       | Pyridine                    | 37    | U         | 37  | 180  | 370        | ug/Kg |
| 108-95-2       | Phenol                      | 48    | U         | 48  | 92.5 | 370        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 45    | U         | 45  | 92.5 | 370        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 26    | U         | 26  | 47.6 | 190        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 44    | U         | 44  | 92.5 | 370        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 67    | U         | 67  | 92.5 | 370        | ug/Kg |
| 98-86-2        | Acetophenone                | 45    | U         | 45  | 92.5 | 370        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 41    | U         | 41  | 92.5 | 370        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 57    | U         | 57  | 47.6 | 190        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 20    | U         | 20  | 47.6 | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 35    | U         | 35  | 47.6 | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 54    | U         | 54  | 47.6 | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 35    | U         | 35  | 47.6 | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 28    | U         | 28  | 47.6 | 190        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 48    | U         | 48  | 47.6 | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 18    | U         | 18  | 47.6 | 190        | ug/Kg |
| 91-20-3        | Naphthalene                 | 28    | U         | 28  | 47.6 | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 27    | U         | 27  | 47.6 | 370        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 49    | U         | 49  | 47.6 | 190        | ug/Kg |
| 105-60-2       | Caprolactam                 | 81    | U         | 81  | 92.5 | 370        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 55    | U         | 55  | 47.6 | 190        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 37    | U         | 37  | 47.6 | 190        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 26    | U         | 26  | 47.6 | 190        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 110   | U         | 110 | 92.5 | 370        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 55    | U         | 55  | 47.6 | 190        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 44    | U         | 44  | 47.6 | 190        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 8/21/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 8/21/2024 12:00:00 AM       |
| Client Sample ID:  | A44A0                 | SDG No.:        | BP083024                    |
| Lab Sample ID:     | P3733-06              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 11.1                        |
| 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 |
| BP021766.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163016      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 27    | U         | 27  | 47.6 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 29    | U         | 29  | 47.6 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 46    | U         | 46  | 47.6 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 33    | U         | 33  | 47.6 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 49    | U         | 49  | 47.6 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 36    | U         | 36  | 47.6 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 49    | U         | 49  | 92.5 | 370        | ug/Kg |
| 83-32-9    | Acenaphthene               | 33    | U         | 33  | 47.6 | 190        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 54    | U         | 54  | 92.5 | 370        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 49    | U         | 49  | 92.5 | 370        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 36    | U         | 36  | 47.6 | 190        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 48    | U         | 48  | 47.6 | 190        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 34    | U         | 34  | 47.6 | 190        | ug/Kg |
| 86-73-7    | Fluorene                   | 28    | U         | 28  | 47.6 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 22    | U         | 22  | 47.6 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 35    | U         | 35  | 92.5 | 370        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 86    | U         | 86  | 92.5 | 370        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 37    | U         | 37  | 47.6 | 190        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 27    | U         | 27  | 47.6 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 33    | U         | 33  | 47.6 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 36    | U         | 36  | 47.6 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                   | 80    | U         | 80  | 92.5 | 370        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 83    | U         | 83  | 92.5 | 370        | ug/Kg |
| 85-01-8    | Phenanthrene               | 33    | U         | 33  | 47.6 | 190        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 58    | U         | 58  | 47.6 | 190        | ug/Kg |
| 120-12-7   | Anthracene                 | 28    | U         | 28  | 47.6 | 190        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 56    | U         | 56  | 47.6 | 190        | ug/Kg |
| 86-74-8    | Carbazole                  | 31    | U         | 31  | 92.5 | 370        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 68    | U         | 68  | 47.6 | 190        | ug/Kg |
| 206-44-0   | Fluoranthene               | 61    | U         | 61  | 92.5 | 190        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | A44A0     | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-06  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 11.1                  |
| 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 |
| BP021766.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163016      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 55     | U         | 55     | 47.6 | 190        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 94     | U         | 94     | 47.6 | 190        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 54     | U         | 54     | 92.5 | 370        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 30     | U         | 30     | 47.6 | 190        | ug/Kg    |
| 218-01-9          | Chrysene                    | 35     | U         | 35     | 47.6 | 190        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 110    | U         | 110    | 47.6 | 190        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 85     | U         | 85     | 92.5 | 370        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 37     | U         | 37     | 47.6 | 190        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 43     | U         | 43     | 47.6 | 190        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 36     | U         | 36     | 47.6 | 190        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 35     | U         | 35     | 47.6 | 190        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 31     | U         | 31     | 47.6 | 190        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 29     | U         | 29     | 47.6 | 190        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 37     | U         | 37     | 47.6 | 190        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.537  |           | 15-120 |      | 57         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 22.623 |           | 20-120 |      | 57         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 24.214 |           | 10-130 |      | 61         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 24.014 |           | 10-150 |      | 60         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.951 |           | 15-120 |      | 62         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 23.459 |           | 10-140 |      | 59         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 26.335 |           | 10-135 |      | 66         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 26.514 |           | 10-120 |      | 66         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 23.863 |           | 10-140 |      | 60         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.523 |           | 1-145  |      | 59         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.686 |           | 10-145 |      | 67         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.083 |           | 15-120 |      | 70         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 17.651 |           | 10-150 |      | 44         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 26.879 |           | 20-140 |      | 67         | SPK: -40 |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 8/21/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 8/21/2024 12:00:00 AM       |
| Client Sample ID:  | A44A0                 | SDG No.:        | BP083024                    |
| Lab Sample ID:     | P3733-06              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 11.1                        |
| 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 |
| BP021766.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163016      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 17.268  |           | 10-130 |     | 43         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 28.763  |           | 10-150 |     | 72         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 27.671  |           | 10-130 |     | 69         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 29.198  |           | 10-140 |     | 73         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 272849  | 7.781     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 1042956 | 10.569    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 590400  | 14.428    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1086115 | 17.227    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1105790 | 21.668    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1421901 | 25.062    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-        | 2100    | J         |        |     | 3.016      |          |
| 013798-23-7                           | Hexathiane                         | 180     | J         |        |     | 14.986     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 110     | J         |        |     | 18.163     |          |
| 959261-23-5                           | Heptafluorobutyric acid, pentadecy | 75      | J         |        |     | 21.351     |          |
| E966796                               | Total Alkanes                      | 27      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | A4499                 | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-05              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 10.1                  |
| 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 |
| BP021767.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163016      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 12    | U         | 12  | 7.3  | 74         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 50    | U         | 50  | 91.5 | 370        | ug/Kg |
| 110-86-1       | Pyridine                    | 37    | U         | 37  | 180  | 370        | ug/Kg |
| 108-95-2       | Phenol                      | 48    | U         | 48  | 91.5 | 370        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 44    | U         | 44  | 91.5 | 370        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 25    | U         | 25  | 47.1 | 190        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 43    | U         | 43  | 91.5 | 370        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 67    | U         | 67  | 91.5 | 370        | ug/Kg |
| 98-86-2        | Acetophenone                | 44    | U         | 44  | 91.5 | 370        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 41    | U         | 41  | 91.5 | 370        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 57    | U         | 57  | 47.1 | 190        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 20    | U         | 20  | 47.1 | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 34    | U         | 34  | 47.1 | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 53    | U         | 53  | 47.1 | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 34    | U         | 34  | 47.1 | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 28    | U         | 28  | 47.1 | 190        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 48    | U         | 48  | 47.1 | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 18    | U         | 18  | 47.1 | 190        | ug/Kg |
| 91-20-3        | Naphthalene                 | 28    | U         | 28  | 47.1 | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 27    | U         | 27  | 47.1 | 370        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 49    | U         | 49  | 47.1 | 190        | ug/Kg |
| 105-60-2       | Caprolactam                 | 80    | U         | 80  | 91.5 | 370        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 54    | U         | 54  | 47.1 | 190        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 37    | U         | 37  | 47.1 | 190        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 25    | U         | 25  | 47.1 | 190        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 110   | U         | 110 | 91.5 | 370        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 54    | U         | 54  | 47.1 | 190        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 43    | U         | 43  | 47.1 | 190        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | A4499     | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-05  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 10.1                  |
| 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 |
| BP021767.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163016      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 27    | U         | 27  | 47.1 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 29    | U         | 29  | 47.1 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 45    | U         | 45  | 47.1 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 32    | U         | 32  | 47.1 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 49    | U         | 49  | 47.1 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 35    | U         | 35  | 47.1 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 49    | U         | 49  | 91.5 | 370        | ug/Kg |
| 83-32-9    | Acenaphthene               | 32    | U         | 32  | 47.1 | 190        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 53    | U         | 53  | 91.5 | 370        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 49    | U         | 49  | 91.5 | 370        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 35    | U         | 35  | 47.1 | 190        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 48    | U         | 48  | 47.1 | 190        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 33    | U         | 33  | 47.1 | 190        | ug/Kg |
| 86-73-7    | Fluorene                   | 28    | U         | 28  | 47.1 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 22    | U         | 22  | 47.1 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 34    | U         | 34  | 91.5 | 370        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 85    | U         | 85  | 91.5 | 370        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 37    | U         | 37  | 47.1 | 190        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 27    | U         | 27  | 47.1 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 32    | U         | 32  | 47.1 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 35    | U         | 35  | 47.1 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                   | 79    | U         | 79  | 91.5 | 370        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 82    | U         | 82  | 91.5 | 370        | ug/Kg |
| 85-01-8    | Phenanthrene               | 32    | U         | 32  | 47.1 | 190        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 58    | U         | 58  | 47.1 | 190        | ug/Kg |
| 120-12-7   | Anthracene                 | 28    | U         | 28  | 47.1 | 190        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 55    | U         | 55  | 47.1 | 190        | ug/Kg |
| 86-74-8    | Carbazole                  | 31    | U         | 31  | 91.5 | 370        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 68    | U         | 68  | 47.1 | 190        | ug/Kg |
| 206-44-0   | Fluoranthene               | 60    | U         | 60  | 91.5 | 190        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 8/21/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 8/21/2024 12:00:00 AM       |
| Client Sample ID:  | A4499                 | SDG No.:        | BP083024                    |
| Lab Sample ID:     | P3733-05              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 10.1                        |
| 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 |
| BP021767.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163016      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 54     | U         | 54     | 47.1 | 190        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 93     | U         | 93     | 47.1 | 190        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 53     | U         | 53     | 91.5 | 370        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 30     | U         | 30     | 47.1 | 190        | ug/Kg    |
| 218-01-9          | Chrysene                    | 34     | U         | 34     | 47.1 | 190        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 110    | U         | 110    | 47.1 | 190        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 84     | U         | 84     | 91.5 | 370        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 37     | U         | 37     | 47.1 | 190        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 42     | U         | 42     | 47.1 | 190        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 35     | U         | 35     | 47.1 | 190        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 34     | U         | 34     | 47.1 | 190        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 31     | U         | 31     | 47.1 | 190        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 29     | U         | 29     | 47.1 | 190        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 37     | U         | 37     | 47.1 | 190        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.227  |           | 15-120 |      | 53         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 22.157 |           | 20-120 |      | 55         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 23.896 |           | 10-130 |      | 60         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 24.599 |           | 10-150 |      | 61         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 25.033 |           | 15-120 |      | 63         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 24.349 |           | 10-140 |      | 61         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 25.858 |           | 10-135 |      | 65         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 26.521 |           | 10-120 |      | 66         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 23.4   |           | 10-140 |      | 58         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 25.569 |           | 1-145  |      | 64         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 28.724 |           | 10-145 |      | 72         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 27.175 |           | 15-120 |      | 68         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 24.59  |           | 10-150 |      | 61         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.496 |           | 20-140 |      | 71         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | A4499              | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-05           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 10.1                  |
| 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 |
| BP021767.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163016      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 20.699  |           | 10-130 |     | 52         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 28.535  |           | 10-150 |     | 71         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 28.53   |           | 10-130 |     | 71         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 28.956  |           | 10-140 |     | 72         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 269666  | 7.787     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1117662 | 10.569    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 753186  | 14.428    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1673810 | 17.228    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1732066 | 21.674    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1959952 | 25.08     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-   | 1900    | J         |        |     | 3.017      |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 120     | J         |        |     | 18.169     |          |
|                                       | (DEL) Alkane: Cyclic          | 110     | J         |        |     | 21.345     |          |
| E966796                               | Total Alkanes                 | 110     |           |        |     | 99         | ug/Kg    |



## Report of Analysis

|                    |               |                 |                       |
|--------------------|---------------|-----------------|-----------------------|
| Client:            |               | Date Collected: | 8/27/2024 12:00:00 AM |
| Project:           |               | Date Received:  | 8/27/2024 12:00:00 AM |
| Client Sample ID:  | SLCS036       | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163036BS    | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC     | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 1.01 Units: g | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | 100 uL        | Test:           |                       |
| Extraction Type :  | Decanted :    | Level :         | MED                   |
| Injection Volume : | GPC Factor :  | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP021768.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163036      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 9600  |           | 270  | 200  | 2000       | ug/Kg |
| 110-86-1       | Pyridine                    | 25000 |           | 1700 | 4900 | 9900       | ug/Kg |
| 100-52-7       | Benzaldehyde                | 23000 |           | 1400 | 2500 | 9900       | ug/Kg |
| 108-95-2       | Phenol                      | 26000 |           | 1200 | 2500 | 9900       | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 26000 |           | 1100 | 2500 | 9900       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 27000 |           | 770  | 1300 | 5000       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 26000 |           | 860  | 2500 | 9900       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 26000 |           | 2000 | 2500 | 9900       | ug/Kg |
| 98-86-2        | Acetophenone                | 26000 |           | 960  | 2500 | 9900       | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 26000 |           | 840  | 2500 | 9900       | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 25000 |           | 1700 | 1300 | 5000       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 27000 |           | 480  | 1300 | 5000       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 28000 |           | 930  | 1300 | 5000       | ug/Kg |
| 78-59-1        | Isophorone                  | 26000 |           | 1100 | 1300 | 5000       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 28000 |           | 690  | 1300 | 5000       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 22000 |           | 700  | 1300 | 5000       | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 27000 |           | 1300 | 1300 | 5000       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 27000 |           | 630  | 1300 | 5000       | ug/Kg |
| 91-20-3        | Naphthalene                 | 27000 |           | 690  | 1300 | 5000       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 22000 |           | 550  | 1300 | 9900       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 26000 |           | 1400 | 1300 | 5000       | ug/Kg |
| 105-60-2       | Caprolactam                 | 25000 |           | 2800 | 2500 | 9900       | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 28000 |           | 1300 | 1300 | 5000       | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 26000 |           | 1200 | 1300 | 5000       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 27000 |           | 630  | 1300 | 5000       | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 21000 |           | 2700 | 2500 | 9900       | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 24000 |           | 1200 | 1300 | 5000       | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 25000 |           | 750  | 1300 | 5000       | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/27/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/27/2024 12:00:00 AM |
| Client Sample ID:  | SLCS036               | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163036BS            | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 1.01      Units:    g | Final Vol:      | 500              uL   |
| Soil Aliquot Vol:  | 100              uL   | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | MED                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP021768.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163036      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 27000 |           | 690  | 1300 | 5000       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 28000 |           | 690  | 1300 | 5000       | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 30000 |           | 1600 | 1300 | 5000       | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 27000 |           | 720  | 1300 | 5000       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 30000 |           | 1300 | 1300 | 5000       | ug/Kg |
| 208-96-8   | Acenaphthylene             | 29000 |           | 780  | 1300 | 5000       | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 29000 |           | 840  | 2500 | 9900       | ug/Kg |
| 83-32-9    | Acenaphthene               | 27000 |           | 810  | 1300 | 5000       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 24000 |           | 2900 | 2500 | 9900       | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 27000 |           | 1100 | 2500 | 9900       | ug/Kg |
| 132-64-9   | Dibenzofuran               | 27000 |           | 710  | 1300 | 5000       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 28000 |           | 960  | 1300 | 5000       | ug/Kg |
| 84-66-2    | Diethylphthalate           | 27000 |           | 810  | 1300 | 5000       | ug/Kg |
| 86-73-7    | Fluorene                   | 27000 |           | 700  | 1300 | 5000       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 27000 |           | 700  | 1300 | 5000       | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 30000 |           | 760  | 2500 | 9900       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 25000 |           | 2200 | 2500 | 9900       | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 28000 |           | 720  | 1300 | 5000       | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 27000 |           | 630  | 1300 | 5000       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 28000 |           | 700  | 1300 | 5000       | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 27000 |           | 800  | 1300 | 5000       | ug/Kg |
| 1912-24-9  | Atrazine                   | 2000  | U         | 2000 | 2500 | 9900       | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 18000 |           | 1800 | 2500 | 9900       | ug/Kg |
| 85-01-8    | Phenanthrene               | 28000 |           | 830  | 1300 | 5000       | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 27000 |           | 1600 | 1300 | 5000       | ug/Kg |
| 120-12-7   | Anthracene                 | 27000 |           | 670  | 1300 | 5000       | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 28000 |           | 1700 | 1300 | 5000       | ug/Kg |
| 86-74-8    | Carbazole                  | 28000 |           | 600  | 2500 | 9900       | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 27000 |           | 1500 | 1300 | 5000       | ug/Kg |
| 206-44-0   | Fluoranthene               | 30000 |           | 1400 | 2500 | 5000       | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 8/27/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 8/27/2024 12:00:00 AM |
| Client Sample ID:  | SLCS036    | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163036BS | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 1.01       | Units:          | g                     |
| Soil Aliquot Vol:  | 100        | Final Vol:      | 500                   |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | MED                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP021768.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163036      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 29000  |           | 1100   | 1300 | 5000       | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 28000  |           | 2400   | 1300 | 5000       | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 25000  |           | 1600   | 2500 | 9900       | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 28000  |           | 540    | 1300 | 5000       | ug/Kg    |
| 218-01-9          | Chrysene                    | 28000  |           | 770    | 1300 | 5000       | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 27000  |           | 2600   | 1300 | 5000       | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 25000  |           | 2700   | 2500 | 9900       | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 28000  |           | 1100   | 1300 | 5000       | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 28000  |           | 760    | 1300 | 5000       | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 28000  |           | 1100   | 1300 | 5000       | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 29000  |           | 900    | 1300 | 5000       | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 29000  |           | 760    | 1300 | 5000       | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 30000  |           | 910    | 1300 | 5000       | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 21000  |           | 960    | 1300 | 5000       | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.921  |           | 15-120 |      | 74         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 24.96  |           | 20-120 |      | 62         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 26.855 |           | 10-130 |      | 67         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 26.304 |           | 10-150 |      | 66         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 27.003 |           | 15-120 |      | 68         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 26.161 |           | 10-140 |      | 65         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 28.49  |           | 10-135 |      | 71         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 29.223 |           | 10-120 |      | 73         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 27.96  |           | 10-140 |      | 70         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.628 |           | 1-145  |      | 59         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 27.144 |           | 10-145 |      | 68         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.07  |           | 15-120 |      | 70         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 26.981 |           | 10-150 |      | 67         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 27.938 |           | 20-140 |      | 70         | SPK: -40 |

## Report of Analysis

|                    |               |                 |                       |
|--------------------|---------------|-----------------|-----------------------|
| Client:            |               | Date Collected: | 8/27/2024 12:00:00 AM |
| Project:           |               | Date Received:  | 8/27/2024 12:00:00 AM |
| Client Sample ID:  | SLCS036       | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163036BS    | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC     | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 1.01 Units: g | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | 100 uL        | Test:           |                       |
| Extraction Type :  | Decanted :    | Level :         | MED                   |
| Injection Volume : | GPC Factor :  | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP021768.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163036      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 26.258  |           | 10-130 |     | 66         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 27.297  |           | 10-150 |     | 68         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 29.731  |           | 10-130 |     | 74         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 27.895  |           | 10-140 |     | 70         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 334665  | 7.787     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1366596 | 10.575    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 880244  | 14.434    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1787731 | 17.228    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1531373 | 21.686    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1948502 | 25.086    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 690     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                             |                 |                                         |
|--------------------|-----------------------------|-----------------|-----------------------------------------|
| Client:            |                             | Date Collected: | 8/27/2024 12:00:00 AM                   |
| Project:           |                             | Date Received:  | 8/27/2024 12:00:00 AM                   |
| Client Sample ID:  | SBLK036                     | SDG No.:        | BP083024                                |
| Lab Sample ID:     | PB163036BL                  | Matrix:         | Solid                                   |
| Analytical Method: | SFAM_SVOC                   | % Moisture:     | 0                                       |
| Sample Wt/Vol:     | 1.02      Units:    g       | Final Vol:      | 500                      uL             |
| Soil Aliquot Vol:  | 100                      uL | Test:           |                                         |
| Extraction Type :  |                             | Decanted :      | Level :                      MED        |
| Injection Volume : |                             | GPC Factor :    | GPC Cleanup :                      PH : |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP021770.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163036      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 260   | U         | 260  | 190  | 2000       | ug/Kg |
| 100-52-7       | Benzaldehyde                | 1400  | U         | 1400 | 2400 | 9800       | ug/Kg |
| 110-86-1       | Pyridine                    | 1700  | U         | 1700 | 4900 | 9800       | ug/Kg |
| 108-95-2       | Phenol                      | 1200  | U         | 1200 | 2400 | 9800       | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1100  | U         | 1100 | 2400 | 9800       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 760   | U         | 760  | 1300 | 4900       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 850   | U         | 850  | 2400 | 9800       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 2000  | U         | 2000 | 2400 | 9800       | ug/Kg |
| 98-86-2        | Acetophenone                | 950   | U         | 950  | 2400 | 9800       | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 830   | U         | 830  | 2400 | 9800       | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1700  | U         | 1700 | 1300 | 4900       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 470   | U         | 470  | 1300 | 4900       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 920   | U         | 920  | 1300 | 4900       | ug/Kg |
| 78-59-1        | Isophorone                  | 1100  | U         | 1100 | 1300 | 4900       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 690   | U         | 690  | 1300 | 4900       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 700   | U         | 700  | 1300 | 4900       | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1300  | U         | 1300 | 1300 | 4900       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 630   | U         | 630  | 1300 | 4900       | ug/Kg |
| 91-20-3        | Naphthalene                 | 690   | U         | 690  | 1300 | 4900       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 550   | U         | 550  | 1300 | 9800       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1400  | U         | 1400 | 1300 | 4900       | ug/Kg |
| 105-60-2       | Caprolactam                 | 2700  | U         | 2700 | 2400 | 9800       | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1300  | U         | 1300 | 1300 | 4900       | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 1200  | U         | 1200 | 1300 | 4900       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 630   | U         | 630  | 1300 | 4900       | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 2600  | U         | 2600 | 2400 | 9800       | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1200  | U         | 1200 | 1300 | 4900       | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 750   | U         | 750  | 1300 | 4900       | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/27/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/27/2024 12:00:00 AM |
| Client Sample ID:  | SBLK036               | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163036BL            | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 1.02      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | 100      uL           | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | MED                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP021770.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163036      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 690   | U         | 690  | 1300 | 4900       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 690   | U         | 690  | 1300 | 4900       | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 1600  | U         | 1600 | 1300 | 4900       | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 720   | U         | 720  | 1300 | 4900       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 1300  | U         | 1300 | 1300 | 4900       | ug/Kg |
| 208-96-8   | Acenaphthylene             | 770   | U         | 770  | 1300 | 4900       | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 830   | U         | 830  | 2400 | 9800       | ug/Kg |
| 83-32-9    | Acenaphthene               | 800   | U         | 800  | 1300 | 4900       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 2800  | U         | 2800 | 2400 | 9800       | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 1100  | U         | 1100 | 2400 | 9800       | ug/Kg |
| 132-64-9   | Dibenzofuran               | 710   | U         | 710  | 1300 | 4900       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 950   | U         | 950  | 1300 | 4900       | ug/Kg |
| 84-66-2    | Diethylphthalate           | 800   | U         | 800  | 1300 | 4900       | ug/Kg |
| 86-73-7    | Fluorene                   | 700   | U         | 700  | 1300 | 4900       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 700   | U         | 700  | 1300 | 4900       | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 750   | U         | 750  | 2400 | 9800       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 2200  | U         | 2200 | 2400 | 9800       | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 720   | U         | 720  | 1300 | 4900       | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 630   | U         | 630  | 1300 | 4900       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 700   | U         | 700  | 1300 | 4900       | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 790   | U         | 790  | 1300 | 4900       | ug/Kg |
| 1912-24-9  | Atrazine                   | 2000  | U         | 2000 | 2400 | 9800       | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 1800  | U         | 1800 | 2400 | 9800       | ug/Kg |
| 85-01-8    | Phenanthrene               | 820   | U         | 820  | 1300 | 4900       | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 1600  | U         | 1600 | 1300 | 4900       | ug/Kg |
| 120-12-7   | Anthracene                 | 670   | U         | 670  | 1300 | 4900       | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1700  | U         | 1700 | 1300 | 4900       | ug/Kg |
| 86-74-8    | Carbazole                  | 600   | U         | 600  | 2400 | 9800       | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1500  | U         | 1500 | 1300 | 4900       | ug/Kg |
| 206-44-0   | Fluoranthene               | 1400  | U         | 1400 | 2400 | 4900       | ug/Kg |

## Report of Analysis

|                    |               |                 |                       |
|--------------------|---------------|-----------------|-----------------------|
| Client:            |               | Date Collected: | 8/27/2024 12:00:00 AM |
| Project:           |               | Date Received:  | 8/27/2024 12:00:00 AM |
| Client Sample ID:  | SBLK036       | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163036BL    | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC     | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 1.02 Units: g | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | 100 uL        | Test:           |                       |
| Extraction Type :  | Decanted :    | Level :         | MED                   |
| Injection Volume : | GPC Factor :  | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP021770.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163036      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1100   | U         | 1100   | 1300 | 4900       | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 2400   | U         | 2400   | 1300 | 4900       | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1600   | U         | 1600   | 2400 | 9800       | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 540    | U         | 540    | 1300 | 4900       | ug/Kg    |
| 218-01-9          | Chrysene                    | 760    | U         | 760    | 1300 | 4900       | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 2500   | U         | 2500   | 1300 | 4900       | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 2600   | U         | 2600   | 2400 | 9800       | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1100   | U         | 1100   | 1300 | 4900       | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 750    | U         | 750    | 1300 | 4900       | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1100   | U         | 1100   | 1300 | 4900       | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 890    | U         | 890    | 1300 | 4900       | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 750    | U         | 750    | 1300 | 4900       | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 900    | U         | 900    | 1300 | 4900       | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 950    | U         | 950    | 1300 | 4900       | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.969  |           | 15-120 |      | 75         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 26.17  |           | 20-120 |      | 65         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 25.818 |           | 10-130 |      | 65         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 26.338 |           | 10-150 |      | 66         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 26.422 |           | 15-120 |      | 66         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 24.055 |           | 10-140 |      | 60         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 28.361 |           | 10-135 |      | 71         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.772 |           | 10-120 |      | 69         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 24.005 |           | 10-140 |      | 60         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.281 |           | 1-145  |      | 61         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 28.145 |           | 10-145 |      | 70         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 27.575 |           | 15-120 |      | 69         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 24.022 |           | 10-150 |      | 60         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.201 |           | 20-140 |      | 71         | SPK: -40 |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/27/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/27/2024 12:00:00 AM |
| Client Sample ID:  | SBLK036               | SDG No.:        | BP083024              |
| Lab Sample ID:     | PB163036BL            | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 1.02      Units:    g | Final Vol:      | 500              uL   |
| Soil Aliquot Vol:  | 100              uL   | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | MED                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP021770.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163036      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 21.893  |           | 10-130 |     | 55         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 28.458  |           | 10-150 |     | 71         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 28.137  |           | 10-130 |     | 70         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 28.143  |           | 10-140 |     | 70         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 316340  | 7.781     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1186984 | 10.569    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 708122  | 14.422    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1518264 | 17.221    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1582369 | 21.686    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1772084 | 25.098    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-   | 2200    | J         |        |     | 3.022      |          |
| E966796                               | Total Alkanes                 | 690     | U         |        |     | 99         | ug/Kg    |



## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | A4497                 | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-03              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 15.3                  |
| 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 |
| BP021771.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163016      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 13    | U         | 13  | 7.8  | 78         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 53    | U         | 53  | 97.1 | 390        | ug/Kg |
| 110-86-1       | Pyridine                    | 39    | U         | 39  | 190  | 390        | ug/Kg |
| 108-95-2       | Phenol                      | 51    | U         | 51  | 97.1 | 390        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 47    | U         | 47  | 97.1 | 390        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 27    | U         | 27  | 50   | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 46    | U         | 46  | 97.1 | 390        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 71    | U         | 71  | 97.1 | 390        | ug/Kg |
| 98-86-2        | Acetophenone                | 51    | J         | 47  | 97.1 | 390        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 44    | U         | 44  | 97.1 | 390        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 60    | U         | 60  | 50   | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 21    | U         | 21  | 50   | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 36    | U         | 36  | 50   | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 56    | U         | 56  | 50   | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 36    | U         | 36  | 50   | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 29    | U         | 29  | 50   | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 51    | U         | 51  | 50   | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 19    | U         | 19  | 50   | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 29    | U         | 29  | 50   | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 28    | U         | 28  | 50   | 390        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 52    | U         | 52  | 50   | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 85    | U         | 85  | 97.1 | 390        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 58    | U         | 58  | 50   | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 39    | U         | 39  | 50   | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 27    | U         | 27  | 50   | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 110   | U         | 110 | 97.1 | 390        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 58    | U         | 58  | 50   | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 46    | U         | 46  | 50   | 200        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | A4497                 | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-03              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 15.3                  |
| 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 |
| BP021771.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163016      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 28    | U         | 28  | 50   | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 31    | U         | 31  | 50   | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 48    | U         | 48  | 50   | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 34    | U         | 34  | 50   | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 52    | U         | 52  | 50   | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 38    | U         | 38  | 50   | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 52    | U         | 52  | 97.1 | 390        | ug/Kg |
| 83-32-9    | Acenaphthene               | 34    | U         | 34  | 50   | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 56    | U         | 56  | 97.1 | 390        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 52    | U         | 52  | 97.1 | 390        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 38    | U         | 38  | 50   | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 51    | U         | 51  | 50   | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 35    | U         | 35  | 50   | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 29    | U         | 29  | 50   | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 24    | U         | 24  | 50   | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 36    | U         | 36  | 97.1 | 390        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 91    | U         | 91  | 97.1 | 390        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 39    | U         | 39  | 50   | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 28    | U         | 28  | 50   | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 34    | U         | 34  | 50   | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 38    | U         | 38  | 50   | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 84    | U         | 84  | 97.1 | 390        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 87    | U         | 87  | 97.1 | 390        | ug/Kg |
| 85-01-8    | Phenanthrene               | 210   |           | 34  | 50   | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 61    | U         | 61  | 50   | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 29    | U         | 29  | 50   | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 59    | U         | 59  | 50   | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 33    | U         | 33  | 97.1 | 390        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 72    | U         | 72  | 50   | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 270   |           | 64  | 97.1 | 200        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | A4497                 | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-03              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 15.3                  |
| 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 |
| BP021771.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163016      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 180    | J         | 58     | 50   | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 99     | U         | 99     | 50   | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 56     | U         | 56     | 97.1 | 390        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 110    | J         | 32     | 50   | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 130    | J         | 36     | 50   | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 110    | U         | 110    | 50   | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 89     | U         | 89     | 97.1 | 390        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 170    | J         | 39     | 50   | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 61     | J         | 45     | 50   | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 69     | J         | 38     | 50   | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 56     | J         | 36     | 50   | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 33     | U         | 33     | 50   | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 31     | U         | 31     | 50   | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 39     | U         | 39     | 50   | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.323  |           | 15-120 |      | 29         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.34   | U         | 20-120 |      | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 12.002 |           | 10-130 |      | 30         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 12.971 |           | 10-150 |      | 32         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 12.681 |           | 15-120 |      | 32         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 10.101 |           | 10-140 |      | 25         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 13.095 |           | 10-135 |      | 33         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 12.318 |           | 10-120 |      | 31         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 11.694 |           | 10-140 |      | 29         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 9.57   |           | 1-145  |      | 24         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 13.344 |           | 10-145 |      | 33         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 13.283 |           | 15-120 |      | 33         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 8.192  |           | 10-150 |      | 20         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 14.113 |           | 20-140 |      | 35         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | A4497              | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-03           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 15.3                  |
| 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 |
| BP021771.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163016      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 7.65    |           | 10-130 |     | 19         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 13.876  |           | 10-150 |     | 35         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 12.204  |           | 10-130 |     | 31         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 8.878   |           | 10-140 |     | 22         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 256340  | 7.781     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1000381 | 10.569    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 640645  | 14.428    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1377790 | 17.233    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1478374 | 21.686    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1797364 | 25.092    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-   | 8400    | J         |        |     | 3.016      |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 78      | J         |        |     | 18.174     |          |
| E966796                               | Total Alkanes                 | 28      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/22/2024 12:00:00 AM |
| Client Sample ID:  | A44A5        | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-13     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 21.8                  |
| 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 |
| BP021772.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163016      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 14    | U         | 14  | 8.4  | 85         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 58    | U         | 58  | 110  | 420        | ug/Kg |
| 110-86-1       | Pyridine                    | 42    | U         | 42  | 210  | 420        | ug/Kg |
| 108-95-2       | Phenol                      | 55    | U         | 55  | 110  | 420        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 51    | U         | 51  | 110  | 420        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 29    | U         | 29  | 54.3 | 220        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 50    | U         | 50  | 110  | 420        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 77    | U         | 77  | 110  | 420        | ug/Kg |
| 98-86-2        | Acetophenone                | 51    | U         | 51  | 110  | 420        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 47    | U         | 47  | 110  | 420        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 65    | U         | 65  | 54.3 | 220        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 23    | U         | 23  | 54.3 | 220        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 40    | U         | 40  | 54.3 | 220        | ug/Kg |
| 78-59-1        | Isophorone                  | 61    | U         | 61  | 54.3 | 220        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 40    | U         | 40  | 54.3 | 220        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 32    | U         | 32  | 54.3 | 220        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 55    | U         | 55  | 54.3 | 220        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 20    | U         | 20  | 54.3 | 220        | ug/Kg |
| 91-20-3        | Naphthalene                 | 32    | U         | 32  | 54.3 | 220        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 31    | U         | 31  | 54.3 | 420        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 56    | U         | 56  | 54.3 | 220        | ug/Kg |
| 105-60-2       | Caprolactam                 | 92    | U         | 92  | 110  | 420        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 63    | U         | 63  | 54.3 | 220        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 42    | U         | 42  | 54.3 | 220        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 29    | U         | 29  | 54.3 | 220        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 120   | U         | 120 | 110  | 420        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 63    | U         | 63  | 54.3 | 220        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 50    | U         | 50  | 54.3 | 220        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/22/2024 12:00:00 AM |
| Client Sample ID:  | A44A5        | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-13     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 21.8                  |
| 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 |
| BP021772.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163016      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 31    | U         | 31  | 54.3 | 220        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 33    | U         | 33  | 54.3 | 220        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 52    | U         | 52  | 54.3 | 220        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 37    | U         | 37  | 54.3 | 220        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 56    | U         | 56  | 54.3 | 220        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 41    | U         | 41  | 54.3 | 220        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 56    | U         | 56  | 110  | 420        | ug/Kg |
| 83-32-9    | Acenaphthene               | 37    | U         | 37  | 54.3 | 220        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 61    | U         | 61  | 110  | 420        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 56    | U         | 56  | 110  | 420        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 41    | U         | 41  | 54.3 | 220        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 55    | U         | 55  | 54.3 | 220        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 38    | U         | 38  | 54.3 | 220        | ug/Kg |
| 86-73-7    | Fluorene                   | 32    | U         | 32  | 54.3 | 220        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 26    | U         | 26  | 54.3 | 220        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 40    | U         | 40  | 110  | 420        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 98    | U         | 98  | 110  | 420        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 42    | U         | 42  | 54.3 | 220        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 31    | U         | 31  | 54.3 | 220        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 37    | U         | 37  | 54.3 | 220        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 41    | U         | 41  | 54.3 | 220        | ug/Kg |
| 1912-24-9  | Atrazine                   | 91    | U         | 91  | 110  | 420        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 95    | U         | 95  | 110  | 420        | ug/Kg |
| 85-01-8    | Phenanthrene               | 37    | U         | 37  | 54.3 | 220        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 66    | U         | 66  | 54.3 | 220        | ug/Kg |
| 120-12-7   | Anthracene                 | 32    | U         | 32  | 54.3 | 220        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 64    | U         | 64  | 54.3 | 220        | ug/Kg |
| 86-74-8    | Carbazole                  | 36    | U         | 36  | 110  | 420        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 78    | U         | 78  | 54.3 | 220        | ug/Kg |
| 206-44-0   | Fluoranthene               | 69    | U         | 69  | 110  | 220        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 8/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 8/22/2024 12:00:00 AM |
| Client Sample ID:  | A44A5     | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-13  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 21.8                  |
| 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 |
| BP021772.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163016      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 63    | U         | 63     | 54.3 | 220        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 110   | U         | 110    | 54.3 | 220        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 61    | U         | 61     | 110  | 420        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 35    | U         | 35     | 54.3 | 220        | ug/Kg    |
| 218-01-9          | Chrysene                    | 40    | U         | 40     | 54.3 | 220        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 120   | U         | 120    | 54.3 | 220        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 97    | U         | 97     | 110  | 420        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 91    | J         | 42     | 54.3 | 220        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 49    | U         | 49     | 54.3 | 220        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 41    | U         | 41     | 54.3 | 220        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 40    | U         | 40     | 54.3 | 220        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 36    | U         | 36     | 54.3 | 220        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 33    | U         | 33     | 54.3 | 220        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 42    | U         | 42     | 54.3 | 220        | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 1.662 |           | 15-120 |      | 21         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 1.471 | *         | 20-120 |      | 4          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 8.413 |           | 10-130 |      | 21         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 9.224 |           | 10-150 |      | 23         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 8.868 |           | 15-120 |      | 22         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 5.261 |           | 10-140 |      | 13         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 8.998 |           | 10-135 |      | 22         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 8.151 |           | 10-120 |      | 20         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 7.638 |           | 10-140 |      | 19         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 6.256 |           | 1-145  |      | 16         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 9.429 |           | 10-145 |      | 24         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 9.099 |           | 15-120 |      | 23         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 4.163 |           | 10-150 |      | 10         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 10.07 |           | 20-140 |      | 25         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/22/2024 12:00:00 AM |
| Client Sample ID:  | A44A5        | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-13     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 21.8                  |
| 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 |
| BP021772.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163016      |

| CAS Number                            | Parameter                         | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-----------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2     | 2.921   | *         | 10-130 |     | 7          | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                    | 9.466   |           | 10-150 |     | 24         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                        | 8.177   |           | 10-130 |     | 20         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                | 5.871   |           | 10-140 |     | 15         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                   |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4            | 260008  | 7.781     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                    | 988862  | 10.569    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                  | 619314  | 14.428    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                  | 1332125 | 17.239    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                      | 1440193 | 21.68     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                      | 1710228 | 25.092    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                   |         |           |        |     |            |          |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-       | 9700    | J         |        |     | 3.017      |          |
| 1000309-12-4                          | Sulfurous acid, 2-propyl tridecyl | 86      | J         |        |     | 21.363     |          |
| E966796                               | Total Alkanes                     | 31      | U         |        |     | 99         | ug/Kg    |



## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | A4495        | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-01     | 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 |
| BP021773.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163016      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 13    | U         | 13  | 7.7  | 78         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 53    | U         | 53  | 96.6 | 390        | ug/Kg |
| 110-86-1       | Pyridine                    | 39    | U         | 39  | 190  | 390        | ug/Kg |
| 108-95-2       | Phenol                      | 50    | U         | 50  | 96.6 | 390        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 47    | U         | 47  | 96.6 | 390        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 27    | U         | 27  | 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) | 70    | U         | 70  | 96.6 | 390        | ug/Kg |
| 98-86-2        | Acetophenone                | 47    | U         | 47  | 96.6 | 390        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 43    | U         | 43  | 96.6 | 390        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 60    | U         | 60  | 49.8 | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 21    | U         | 21  | 49.8 | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 36    | U         | 36  | 49.8 | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 56    | U         | 56  | 49.8 | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 36    | U         | 36  | 49.8 | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 29    | U         | 29  | 49.8 | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 50    | U         | 50  | 49.8 | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 19    | U         | 19  | 49.8 | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 29    | U         | 29  | 49.8 | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 28    | U         | 28  | 49.8 | 390        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 52    | U         | 52  | 49.8 | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 84    | U         | 84  | 96.6 | 390        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 57    | U         | 57  | 49.8 | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 39    | U         | 39  | 49.8 | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 27    | U         | 27  | 49.8 | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 110   | U         | 110 | 96.6 | 390        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 57    | U         | 57  | 49.8 | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 46    | U         | 46  | 49.8 | 200        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | A4495        | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-01     | 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 |
| BP021773.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163016      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 28    | U         | 28  | 49.8 | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 30    | U         | 30  | 49.8 | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 48    | U         | 48  | 49.8 | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 34    | U         | 34  | 49.8 | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 52    | U         | 52  | 49.8 | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 37    | U         | 37  | 49.8 | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 52    | U         | 52  | 96.6 | 390        | ug/Kg |
| 83-32-9    | Acenaphthene               | 34    | U         | 34  | 49.8 | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 56    | U         | 56  | 96.6 | 390        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 52    | U         | 52  | 96.6 | 390        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 37    | U         | 37  | 49.8 | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 50    | U         | 50  | 49.8 | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 35    | U         | 35  | 49.8 | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 29    | U         | 29  | 49.8 | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 23    | U         | 23  | 49.8 | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 36    | U         | 36  | 96.6 | 390        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 90    | U         | 90  | 96.6 | 390        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 39    | U         | 39  | 49.8 | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 28    | U         | 28  | 49.8 | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 34    | U         | 34  | 49.8 | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 37    | U         | 37  | 49.8 | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 83    | U         | 83  | 96.6 | 390        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 87    | U         | 87  | 96.6 | 390        | ug/Kg |
| 85-01-8    | Phenanthrene               | 34    | U         | 34  | 49.8 | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 61    | U         | 61  | 49.8 | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 29    | U         | 29  | 49.8 | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 59    | U         | 59  | 49.8 | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 33    | U         | 33  | 96.6 | 390        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 71    | U         | 71  | 49.8 | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 63    | U         | 63  | 96.6 | 200        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | A4495        | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-01     | 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 |
| BP021773.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163016      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 57     | U         | 57     | 49.8 | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 98     | U         | 98     | 49.8 | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 56     | U         | 56     | 96.6 | 390        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 32     | U         | 32     | 49.8 | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 36     | U         | 36     | 49.8 | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 110    | U         | 110    | 49.8 | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 89     | U         | 89     | 96.6 | 390        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 39     | U         | 39     | 49.8 | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 44     | U         | 44     | 49.8 | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 37     | U         | 37     | 49.8 | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 36     | U         | 36     | 49.8 | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 33     | U         | 33     | 49.8 | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 30     | U         | 30     | 49.8 | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 39     | U         | 39     | 49.8 | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.7    |           | 15-120 |      | 46         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 17.252 |           | 20-120 |      | 43         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 18.075 |           | 10-130 |      | 45         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 18.571 |           | 10-150 |      | 46         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 18.941 |           | 15-120 |      | 47         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 16.84  |           | 10-140 |      | 42         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 19.536 |           | 10-135 |      | 49         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 18.634 |           | 10-120 |      | 47         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 17.524 |           | 10-140 |      | 44         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 17.856 |           | 1-145  |      | 45         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 18.465 |           | 10-145 |      | 46         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 18.638 |           | 15-120 |      | 47         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 14.157 |           | 10-150 |      | 35         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 19.263 |           | 20-140 |      | 48         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | A4495        | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-01     | 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 |
| BP021773.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163016      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 11.567  |           | 10-130 |     | 29         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 19.559  |           | 10-150 |     | 49         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 18.898  |           | 10-130 |     | 47         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 19.366  |           | 10-140 |     | 48         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 320982  | 7.781     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1186620 | 10.563    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 696193  | 14.428    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1466737 | 17.228    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1581988 | 21.675    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1892035 | 25.069    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-   | 1900    | J         |        |     | 3.017      |          |
| E966796                               | Total Alkanes                 | 28      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | A44A1        | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-07     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 27.5                  |
| 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 |
| BP021774.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163016      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 9.1  | 92         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 62    | U         | 62  | 110  | 460        | ug/Kg |
| 110-86-1       | Pyridine                    | 46    | U         | 46  | 230  | 460        | ug/Kg |
| 108-95-2       | Phenol                      | 59    | U         | 59  | 110  | 460        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 55    | U         | 55  | 110  | 460        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 32    | U         | 32  | 58.6 | 230        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 54    | U         | 54  | 110  | 460        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 83    | U         | 83  | 110  | 460        | ug/Kg |
| 98-86-2        | Acetophenone                | 55    | U         | 55  | 110  | 460        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 51    | U         | 51  | 110  | 460        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 70    | U         | 70  | 58.6 | 230        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 25    | U         | 25  | 58.6 | 230        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 43    | U         | 43  | 58.6 | 230        | ug/Kg |
| 78-59-1        | Isophorone                  | 66    | U         | 66  | 58.6 | 230        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 43    | U         | 43  | 58.6 | 230        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 34    | U         | 34  | 58.6 | 230        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 59    | U         | 59  | 58.6 | 230        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 22    | U         | 22  | 58.6 | 230        | ug/Kg |
| 91-20-3        | Naphthalene                 | 34    | U         | 34  | 58.6 | 230        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 33    | U         | 33  | 58.6 | 460        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 61    | U         | 61  | 58.6 | 230        | ug/Kg |
| 105-60-2       | Caprolactam                 | 99    | U         | 99  | 110  | 460        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 68    | U         | 68  | 58.6 | 230        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 46    | U         | 46  | 58.6 | 230        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 32    | U         | 32  | 58.6 | 230        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 130   | U         | 130 | 110  | 460        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 68    | U         | 68  | 58.6 | 230        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 54    | U         | 54  | 58.6 | 230        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | A44A1        | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-07     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 27.5                  |
| 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 |
| BP021774.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163016      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 33    | U         | 33  | 58.6 | 230        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 36    | U         | 36  | 58.6 | 230        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 57    | U         | 57  | 58.6 | 230        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 40    | U         | 40  | 58.6 | 230        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 61    | U         | 61  | 58.6 | 230        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 44    | U         | 44  | 58.6 | 230        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 61    | U         | 61  | 110  | 460        | ug/Kg |
| 83-32-9    | Acenaphthene               | 40    | U         | 40  | 58.6 | 230        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 66    | U         | 66  | 110  | 460        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 61    | U         | 61  | 110  | 460        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 44    | U         | 44  | 58.6 | 230        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 59    | U         | 59  | 58.6 | 230        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 41    | U         | 41  | 58.6 | 230        | ug/Kg |
| 86-73-7    | Fluorene                   | 34    | U         | 34  | 58.6 | 230        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 28    | U         | 28  | 58.6 | 230        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 43    | U         | 43  | 110  | 460        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 110   | U         | 110 | 110  | 460        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 46    | U         | 46  | 58.6 | 230        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 33    | U         | 33  | 58.6 | 230        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 40    | U         | 40  | 58.6 | 230        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 44    | U         | 44  | 58.6 | 230        | ug/Kg |
| 1912-24-9  | Atrazine                   | 98    | U         | 98  | 110  | 460        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 100   | U         | 100 | 110  | 460        | ug/Kg |
| 85-01-8    | Phenanthrene               | 40    | U         | 40  | 58.6 | 230        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 72    | U         | 72  | 58.6 | 230        | ug/Kg |
| 120-12-7   | Anthracene                 | 34    | U         | 34  | 58.6 | 230        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 69    | U         | 69  | 58.6 | 230        | ug/Kg |
| 86-74-8    | Carbazole                  | 39    | U         | 39  | 110  | 460        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 84    | U         | 84  | 58.6 | 230        | ug/Kg |
| 206-44-0   | Fluoranthene               | 74    | U         | 74  | 110  | 230        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | A44A1        | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-07     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 27.5                  |
| 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 |
| BP021774.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163016      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 68     | U         | 68     | 58.6 | 230        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 120    | U         | 120    | 58.6 | 230        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 66     | U         | 66     | 110  | 460        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 37     | U         | 37     | 58.6 | 230        | ug/Kg    |
| 218-01-9          | Chrysene                    | 43     | U         | 43     | 58.6 | 230        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 130    | U         | 130    | 58.6 | 230        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 100    | U         | 100    | 110  | 460        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 46     | U         | 46     | 58.6 | 230        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 52     | U         | 52     | 58.6 | 230        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 44     | U         | 44     | 58.6 | 230        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 43     | U         | 43     | 58.6 | 230        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 39     | U         | 39     | 58.6 | 230        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 36     | U         | 36     | 58.6 | 230        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 46     | U         | 46     | 58.6 | 230        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.772  |           | 15-120 |      | 60         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 23.757 |           | 20-120 |      | 59         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 25.093 |           | 10-130 |      | 63         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 25.303 |           | 10-150 |      | 63         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 25.8   |           | 15-120 |      | 64         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 24.759 |           | 10-140 |      | 62         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 26.199 |           | 10-135 |      | 65         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 26.63  |           | 10-120 |      | 67         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 24.713 |           | 10-140 |      | 62         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 25.652 |           | 1-145  |      | 64         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 27.65  |           | 10-145 |      | 69         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 27.683 |           | 15-120 |      | 69         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 22.702 |           | 10-150 |      | 57         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.324 |           | 20-140 |      | 71         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 8/21/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/21/2024 12:00:00 AM |
| Client Sample ID:  | A44A1        | SDG No.:        | BP083024              |
| Lab Sample ID:     | P3733-07     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 27.5                  |
| 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 |
| BP021774.D        | 1         | 8/27/2024 12:00:00 AM | 8/31/2024 12:00:00 AM | PB163016      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 18.425  |           | 10-130 |     | 46         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 28.647  |           | 10-150 |     | 72         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 29.075  |           | 10-130 |     | 73         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 29.212  |           | 10-140 |     | 73         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 265835  | 7.781     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1064269 | 10.569    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 676768  | 14.428    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1450345 | 17.239    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1467902 | 21.675    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1677414 | 25.08     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-   | 2600    | J         |        |     | 3.017      |          |
| 000057-55-6                           | Propylene Glycol              | 110     | J         |        |     | 3.534      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol          | 170     | J         |        |     | 11.31      |          |
|                                       | (DEL) Alkane: Straight-Chain  | 21.345  | J         |        |     | 21.345     |          |
| E966796                               | Total Alkanes                 | 100     |           |        |     | 99         | ug/Kg    |





## SDG No.: BP083024

**Client:**

| Sample ID   | Client ID | Matrix | Parameter                       | Concentration | C         | MDL | RDL | Units     |
|-------------|-----------|--------|---------------------------------|---------------|-----------|-----|-----|-----------|
| Client ID : | DCYL0     |        |                                 |               |           |     |     |           |
| P3438-02    | DCYL0     | Solid  | Butane, 2-methoxy-2-methyl-     | *             | 1,900.000 | J   |     |           |
| P3438-02    | DCYL0     | Solid  | Dibenzo furan                   | *             | 110.000   | J   |     |           |
| P3438-02    | DCYL0     | Solid  | n-Hexadecanoic acid             | *             | 120.000   | J   |     |           |
| P3438-02    | DCYL0     | Solid  | Total Alkanes                   | *             | 0.000     | 34  | 240 | ug/Kg     |
|             |           |        | Total Tics :                    |               | 2,130.00  |     |     |           |
| P3438-02    | DCYL0     | Solid  | Acenaphthene                    |               | 110.000   | J   | 41  | 240 ug/Kg |
| P3438-02    | DCYL0     | Solid  | Fluoranthene                    |               | 160.000   | J   | 77  | 240 ug/Kg |
| P3438-02    | DCYL0     | Solid  | Fluorene                        |               | 94.000    | J   | 36  | 240 ug/Kg |
| P3438-02    | DCYL0     | Solid  | Naphthalene                     |               | 55.000    | J   | 36  | 240 ug/Kg |
| P3438-02    | DCYL0     | Solid  | Phenanthrene                    |               | 320.000   |     | 41  | 240 ug/Kg |
| P3438-02    | DCYL0     | Solid  | Pyrene                          |               | 100.000   | J   | 70  | 240 ug/Kg |
|             |           |        | Total Svoc :                    |               | 839.00    |     |     |           |
|             |           |        | Total Concentration:            |               | 2,969.00  |     |     |           |
| Client ID : | DCYL1     |        |                                 |               |           |     |     |           |
| P3438-03    | DCYL1     | Solid  | 1-Phenoxypropan-2-ol            | *             | 180.000   | J   |     |           |
| P3438-03    | DCYL1     | Solid  | Butane, 2-methoxy-2-methyl-     | *             | 2,300.000 | J   |     |           |
| P3438-03    | DCYL1     | Solid  | Propylene Glycol                | *             | 150.000   | J   |     |           |
| P3438-03    | DCYL1     | Solid  | Total Alkanes                   | *             | 0.000     | 36  | 260 | ug/Kg     |
|             |           |        | Total Tics :                    |               | 2,630.00  |     |     |           |
| P3438-03    | DCYL1     | Solid  | Acenaphthene                    |               | 110.000   | J   | 44  | 260 ug/Kg |
| P3438-03    | DCYL1     | Solid  | Fluoranthene                    |               | 130.000   | J   | 82  | 260 ug/Kg |
| P3438-03    | DCYL1     | Solid  | Fluorene                        |               | 78.000    | J   | 38  | 260 ug/Kg |
| P3438-03    | DCYL1     | Solid  | Phenanthrene                    |               | 170.000   | J   | 44  | 260 ug/Kg |
| P3438-03    | DCYL1     | Solid  | Pyrene                          |               | 85.000    | J   | 74  | 260 ug/Kg |
|             |           |        | Total Svoc :                    |               | 573.00    |     |     |           |
|             |           |        | Total Concentration:            |               | 3,203.00  |     |     |           |
| Client ID : | DCYL2     |        |                                 |               |           |     |     |           |
| P3438-04    | DCYL2     | Solid  | 1-Phenoxypropan-2-ol            | *             | 120.000   | J   |     |           |
| P3438-04    | DCYL2     | Solid  | Butane, 2-methoxy-2-methyl-     | *             | 2,000.000 | J   |     |           |
| P3438-04    | DCYL2     | Solid  | D:B-Friedo-18,19-secolup-19-ene | *             | 480.000   | J   |     |           |
| P3438-04    | DCYL2     | Solid  | Total Alkanes                   | *             | 0.000     | 32  | 230 | ug/Kg     |
|             |           |        | Total Tics :                    |               | 2,600.00  |     |     |           |
| P3438-04    | DCYL2     | Solid  | Phenanthrene                    |               | 55.000    | J   | 39  | 230 ug/Kg |
|             |           |        | Total Svoc :                    |               | 55.00     |     |     |           |
|             |           |        | Total Concentration:            |               | 2,655.00  |     |     |           |

**Client ID : DCYL3**

### Hit Summary Sheet SW-846

SDG No.: BP083024

Client:

| Sample ID            | Client ID | Matrix | Parameter                       | Concentration | C         | MDL  | RDL | Units |
|----------------------|-----------|--------|---------------------------------|---------------|-----------|------|-----|-------|
| P3438-05             | DCYL3     | Solid  | 1-Heptacosanol                  | *             | 93.000    | J    |     |       |
| P3438-05             | DCYL3     | Solid  | 1-Phenoxypropan-2-ol            | *             | 110.000   | J    |     |       |
| P3438-05             | DCYL3     | Solid  | Butane, 2-methoxy-2-methyl-     | *             | 1,600.000 | J    |     |       |
| P3438-05             | DCYL3     | Solid  | Propylene Glycol                | *             | 94.000    | J    |     |       |
| P3438-05             | DCYL3     | Solid  | Total Alkanes                   | *             | 0.000     | 33   | 230 | ug/Kg |
| Total Tics :         |           |        |                                 | 1,897.00      |           |      |     |       |
| P3438-05             | DCYL3     | Solid  | Acenaphthene                    |               | 48.000    | J 39 | 230 | ug/Kg |
| P3438-05             | DCYL3     | Solid  | Naphthalene                     |               | 96.000    | J 34 | 230 | ug/Kg |
| P3438-05             | DCYL3     | Solid  | Phenanthrene                    |               | 84.000    | J 39 | 230 | ug/Kg |
| Total Svoc :         |           |        |                                 | 228.00        |           |      |     |       |
| Total Concentration: |           |        |                                 | 2,125.00      |           |      |     |       |
| Client ID : DCYL5    |           |        |                                 |               |           |      |     |       |
| P3438-09             | DCYL5     | Solid  | (DEL) Alkane: Cyclic21.345      | *             | 100.000   | J    |     |       |
| P3438-09             | DCYL5     | Solid  | 1-Phenoxypropan-2-ol            | *             | 160.000   | J    |     |       |
| P3438-09             | DCYL5     | Solid  | Butane, 2-methoxy-2-methyl-     | *             | 2,300.000 | J    |     |       |
| P3438-09             | DCYL5     | Solid  | Propylene Glycol                | *             | 140.000   | J    |     |       |
| P3438-09             | DCYL5     | Solid  | Total Alkanes                   | *             | 100.000   | 31   | 220 | ug/Kg |
| Total Tics :         |           |        |                                 | 2,800.00      |           |      |     |       |
| Total Concentration: |           |        |                                 | 2,800.00      |           |      |     |       |
| Client ID : DCYL6    |           |        |                                 |               |           |      |     |       |
| P3438-10             | DCYL6     | Solid  | [1,1-Biphenyl]-4-carboxaldehyde | *             | 110.000   | J    |     |       |
| P3438-10             | DCYL6     | Solid  | 1-Phenoxypropan-2-ol            | *             | 120.000   | J    |     |       |
| P3438-10             | DCYL6     | Solid  | 4H-Cyclopenta[def]phenanthrene  | *             | 260.000   | J    |     |       |
| P3438-10             | DCYL6     | Solid  | 6H-Dibenzo[b,d]-pyran           | *             | 160.000   | J    |     |       |
| P3438-10             | DCYL6     | Solid  | 9H-Fluorene, 1-methyl-          | *             | 95.000    | J    |     |       |
| P3438-10             | DCYL6     | Solid  | Biphenyl                        | *             | 97.000    | J    |     |       |
| P3438-10             | DCYL6     | Solid  | Butane, 2-methoxy-2-methyl-     | *             | 2,000.000 | J    |     |       |
| P3438-10             | DCYL6     | Solid  | Dibenzo furan                   | *             | 450.000   | J    |     |       |
| P3438-10             | DCYL6     | Solid  | Dibenzothiophene                | *             | 160.000   | J    |     |       |
| P3438-10             | DCYL6     | Solid  | Fluoranthene, 2-methyl-         | *             | 84.000    | J    |     |       |
| P3438-10             | DCYL6     | Solid  | Naphthalene, 1,5-dimethyl-      | *             | 93.000    | J    |     |       |
| P3438-10             | DCYL6     | Solid  | Naphthalene, 2,3-dimethyl-      | *             | 98.000    | J    |     |       |
| P3438-10             | DCYL6     | Solid  | Naphthalene, 2-phenyl-          | *             | 97.000    | J    |     |       |
| P3438-10             | DCYL6     | Solid  | Phenanthrene, 1-methyl-         | *             | 190.000   | J    |     |       |
| P3438-10             | DCYL6     | Solid  | Phenanthrene, 2-methyl-         | *             | 130.000   | J    |     |       |
| P3438-10             | DCYL6     | Solid  | R-(-)-1,2-propanediol           | *             | 99.000    | J    |     |       |
| P3438-10             | DCYL6     | Solid  | Total Alkanes                   | *             | 0.000     | 30   | 210 | ug/Kg |
| Total Tics :         |           |        |                                 | 4,243.00      |           |      |     |       |
| P3438-10             | DCYL6     | Solid  | 1-Methylnaphthalene             |               | 120.000   | J 41 | 210 | ug/Kg |
| P3438-10             | DCYL6     | Solid  | 2-Methylnaphthalene             |               | 100.000   | J 28 | 210 | ug/Kg |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** BP083024

**Client:**

| Sample ID                   | Client ID | Matrix | Parameter            | Concentration   | C | MDL | RDL | Units |
|-----------------------------|-----------|--------|----------------------|-----------------|---|-----|-----|-------|
| P3438-10                    | DCYL6     | Solid  | Acenaphthene         | 460.000         |   | 36  | 210 | ug/Kg |
| P3438-10                    | DCYL6     | Solid  | Anthracene           | 200.000         | J | 31  | 210 | ug/Kg |
| P3438-10                    | DCYL6     | Solid  | Benzo(a)anthracene   | 200.000         | J | 33  | 210 | ug/Kg |
| P3438-10                    | DCYL6     | Solid  | Benzo(a)pyrene       | 64.000          | J | 40  | 210 | ug/Kg |
| P3438-10                    | DCYL6     | Solid  | Benzo(b)fluoranthene | 110.000         | J | 41  | 210 | ug/Kg |
| P3438-10                    | DCYL6     | Solid  | Chrysene             | 170.000         | J | 38  | 210 | ug/Kg |
| P3438-10                    | DCYL6     | Solid  | Fluoranthene         | 1,100.000       |   | 67  | 210 | ug/Kg |
| P3438-10                    | DCYL6     | Solid  | Fluorene             | 470.000         |   | 31  | 210 | ug/Kg |
| P3438-10                    | DCYL6     | Solid  | Naphthalene          | 260.000         |   | 31  | 210 | ug/Kg |
| P3438-10                    | DCYL6     | Solid  | Phenanthrene         | 1,800.000       |   | 36  | 210 | ug/Kg |
| P3438-10                    | DCYL6     | Solid  | Pyrene               | 680.000         |   | 61  | 210 | ug/Kg |
| <b>Total Svoc :</b>         |           |        |                      | <b>5,734.00</b> |   |     |     |       |
| <b>Total Concentration:</b> |           |        |                      | <b>9,977.00</b> |   |     |     |       |

**Client ID :** DCYL7

|                             |       |       |                             |                 |           |   |    |           |
|-----------------------------|-------|-------|-----------------------------|-----------------|-----------|---|----|-----------|
| P3438-11                    | DCYL7 | Solid | 1-Phenoxypropan-2-ol        | *               | 100.000   | J |    |           |
| P3438-11                    | DCYL7 | Solid | Butane, 2-methoxy-2-methyl- | *               | 2,100.000 | J |    |           |
| P3438-11                    | DCYL7 | Solid | Total Alkanes               | *               | 0.000     |   | 31 | 220 ug/Kg |
| <b>Total Tics :</b>         |       |       |                             | <b>2,200.00</b> |           |   |    |           |
| P3438-11                    | DCYL7 | Solid | Fluoranthene                |                 | 120.000   | J | 69 | 220 ug/Kg |
| P3438-11                    | DCYL7 | Solid | Fluorene                    |                 | 47.000    | J | 32 | 220 ug/Kg |
| P3438-11                    | DCYL7 | Solid | Naphthalene                 |                 | 51.000    | J | 32 | 220 ug/Kg |
| P3438-11                    | DCYL7 | Solid | Phenanthrene                |                 | 210.000   | J | 37 | 220 ug/Kg |
| P3438-11                    | DCYL7 | Solid | Pyrene                      |                 | 79.000    | J | 63 | 220 ug/Kg |
| <b>Total Svoc :</b>         |       |       |                             | <b>507.00</b>   |           |   |    |           |
| <b>Total Concentration:</b> |       |       |                             | <b>2,707.00</b> |           |   |    |           |

**Client ID :** GCN88ME

|            |         |       |                                    |  |            |   |  |  |
|------------|---------|-------|------------------------------------|--|------------|---|--|--|
| P3696-04ME | GCN88ME | Solid | (DEL) Alkane: Straight-Chain11.0 * |  | 4,700.000  | J |  |  |
| P3696-04ME | GCN88ME | Solid | (DEL) Alkane: Straight-Chain11.6 * |  | 3,900.000  | J |  |  |
| P3696-04ME | GCN88ME | Solid | (DEL) Alkane: Straight-Chain12.0 * |  | 15,000.000 | J |  |  |
| P3696-04ME | GCN88ME | Solid | (DEL) Alkane: Straight-Chain12.7 * |  | 2,200.000  | J |  |  |
| P3696-04ME | GCN88ME | Solid | (DEL) Alkane: Straight-Chain12.8 * |  | 2,800.000  | J |  |  |
| P3696-04ME | GCN88ME | Solid | (DEL) Alkane: Straight-Chain12.9 * |  | 3,100.000  | J |  |  |
| P3696-04ME | GCN88ME | Solid | (DEL) Alkane: Straight-Chain12.9 * |  | 6,700.000  | J |  |  |
| P3696-04ME | GCN88ME | Solid | (DEL) Alkane: Straight-Chain13.2 * |  | 24,000.000 | J |  |  |
| P3696-04ME | GCN88ME | Solid | (DEL) Alkane: Straight-Chain13.8 * |  | 2,500.000  | J |  |  |
| P3696-04ME | GCN88ME | Solid | (DEL) Alkane: Straight-Chain13.9 * |  | 7,000.000  | J |  |  |
| P3696-04ME | GCN88ME | Solid | (DEL) Alkane: Straight-Chain13.9 * |  | 2,600.000  | J |  |  |
| P3696-04ME | GCN88ME | Solid | (DEL) Alkane: Straight-Chain14.2 * |  | 80,000.000 | J |  |  |
| P3696-04ME | GCN88ME | Solid | (DEL) Alkane: Straight-Chain14.9 * |  | 23,000.000 | J |  |  |

### Hit Summary Sheet SW-846

SDG No.: BP083024

Client:

| Sample ID  | Client ID | Matrix | Parameter                           | Concentration | C | MDL | RDL | Units |
|------------|-----------|--------|-------------------------------------|---------------|---|-----|-----|-------|
| P3696-04ME | GCN88ME   | Solid  | (DEL) Alkane: Straight-Chain15.5 *  | 92,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | (DEL) Alkane: Straight-Chain15.8 *  | 22,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | (DEL) Alkane: Straight-Chain16.2 *  | 120,000.000   | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | (DEL) Alkane: Straight-Chain16.4 *  | 15,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | (DEL) Alkane: Straight-Chain16.6 *  | 12,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | (DEL) Alkane: Straight-Chain16.6 *  | 10,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | (DEL) Alkane: Straight-Chain16.7 *  | 27,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | (DEL) Alkane: Straight-Chain17.0 *  | 98,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | (DEL) Alkane: Straight-Chain17.0 *  | 89,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | (DEL) Alkane: Straight-Chain17.4 *  | 12,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | (DEL) Alkane: Straight-Chain17.7 *  | 110,000.000   | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | (DEL) Alkane: Straight-Chain18.4 *  | 96,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | (DEL) Alkane: Straight-Chain19.1 *  | 78,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | (DEL) Alkane: Straight-Chain20.2 *  | 34,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | (DEL) Alkane: Straight-Chain20.8 *  | 22,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | (DEL) Alkane: Straight-Chain21.2 *  | 12,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | (DEL) Alkane: Straight-Chain3.11 *  | 8,100.000     | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | 1,6-Dimethyl-4-ethylnaphthalene *   | 18,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | 1-Hexanol, 2-ethyl- *               | 6,300.000     | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | 1-Isopropenylnaphthalene *          | 12,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | 1H-Indene, 2,3-dihydro-1,1,3-trim * | 4,500.000     | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | 2-Bromo dodecane *                  | 46,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | Anthracene, 2-methyl- *             | 24,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | Anthracene, 9-methyl- *             | 17,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | Benzo[c]cinnoline, 4,7-dimethyl- *  | 13,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | Butane, 2-methoxy-2-methyl- *       | 220,000.000   | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | Butanoic acid, butyl ester *        | 5,500.000     | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | Dibenzothiophene, 4-methyl- *       | 19,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | Naphthalene, 1,2,3,4-tetramethyl- * | 13,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | Naphthalene, 1,2-dimethyl- *        | 20,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | Naphthalene, 1,4,5-trimethyl- *     | 24,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | Naphthalene, 1,4,6-trimethyl- *     | 16,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | Naphthalene, 1,6,7-trimethyl- *     | 26,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | Naphthalene, 2,3,6-trimethyl- *     | 5,600.000     | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | Naphthalene, 2,7-dimethyl- *        | 12,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | Naphthalene, 2-(1-methylethyl)- *   | 4,100.000     | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | Phenanthrene, 1-methyl- *           | 17,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | Phenanthrene, 2,5-dimethyl- *       | 13,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | Phenanthrene, 2-methyl- *           | 20,000.000    | J |     |     |       |
| P3696-04ME | GCN88ME   | Solid  | Phenanthrene, 3,6-dimethyl- *       | 16,000.000    | J |     |     |       |

### Hit Summary Sheet SW-846

SDG No.: BP083024

Client:

| Sample ID             | Client ID | Matrix | Parameter                        | Concentration   | C  | MDL   | RDL    | Units |
|-----------------------|-----------|--------|----------------------------------|-----------------|----|-------|--------|-------|
| P3696-04ME            | GCN88ME   | Solid  | Tetradecane, 1-chloro-           | * 3,600.000     | J  |       |        |       |
| P3696-04ME            | GCN88ME   | Solid  | unknown-01                       | * 4,000.000     | J  |       |        |       |
| P3696-04ME            | GCN88ME   | Solid  | unknown-02                       | * 3,900.000     | J  |       |        |       |
| P3696-04ME            | GCN88ME   | Solid  | unknown-03                       | * 7,100.000     | J  |       |        |       |
| P3696-04ME            | GCN88ME   | Solid  | unknown-04                       | * 26,000.000    | J  |       |        |       |
| P3696-04ME            | GCN88ME   | Solid  | unknown-05                       | * 4,400.000     | J  |       |        |       |
| P3696-04ME            | GCN88ME   | Solid  | unknown-06                       | * 24,000.000    | J  |       |        |       |
| P3696-04ME            | GCN88ME   | Solid  | Total Alkanes                    | * 1,000,000.000 |    | 750   | 5400   | ug/Kg |
| Total Tics :          |           |        |                                  | 2,679,600.00    |    |       |        |       |
| P3696-04ME            | GCN88ME   | Solid  | 1-Methylnaphthalene              | 4,000.000       | J  | 1300  | 5400   | ug/Kg |
| P3696-04ME            | GCN88ME   | Solid  | 2,3,4,6-Tetrachlorophenol        | 50,000.000      |    | 1000  | 5400   | ug/Kg |
| P3696-04ME            | GCN88ME   | Solid  | 2-Methylnaphthalene              | 1,600.000       | J  | 690   | 5400   | ug/Kg |
| P3696-04ME            | GCN88ME   | Solid  | Acenaphthene                     | 1,200.000       | J  | 880   | 5400   | ug/Kg |
| P3696-04ME            | GCN88ME   | Solid  | Acetophenone                     | 2,700.000       | J  | 1000  | 11000  | ug/Kg |
| P3696-04ME            | GCN88ME   | Solid  | Bis(2-ethylhexyl)phthalate       | 2,900.000       | J  | 2800  | 5400   | ug/Kg |
| P3696-04ME            | GCN88ME   | Solid  | Fluorene                         | 2,200.000       | J  | 760   | 5400   | ug/Kg |
| P3696-04ME            | GCN88ME   | Solid  | Pentachlorophenol                | 1,400,000.000   | E  | 1900  | 11000  | ug/Kg |
| P3696-04ME            | GCN88ME   | Solid  | Phenanthrene                     | 23,000.000      |    | 900   | 5400   | ug/Kg |
| P3696-04ME            | GCN88ME   | Solid  | Pyrene                           | 2,300.000       | J  | 1200  | 5400   | ug/Kg |
| Total Svoc :          |           |        |                                  | 1,489,900.00    |    |       |        |       |
| Total Concentration:  |           |        |                                  | 4,169,500.00    |    |       |        |       |
| Client ID : GCN88MEDL |           |        |                                  |                 |    |       |        |       |
| P3696-04MEDL          | GCN88MEDL | Solid  | (DEL) Alkane: Straight-Chain14.2 | * 110,000.000   | JD |       |        |       |
| P3696-04MEDL          | GCN88MEDL | Solid  | (DEL) Alkane: Straight-Chain15.2 | * 130,000.000   | JD |       |        |       |
| P3696-04MEDL          | GCN88MEDL | Solid  | (DEL) Alkane: Straight-Chain16.1 | * 170,000.000   | JD |       |        |       |
| P3696-04MEDL          | GCN88MEDL | Solid  | (DEL) Alkane: Straight-Chain17.0 | * 150,000.000   | JD |       |        |       |
| P3696-04MEDL          | GCN88MEDL | Solid  | (DEL) Alkane: Straight-Chain17.0 | * 130,000.000   | JD |       |        |       |
| P3696-04MEDL          | GCN88MEDL | Solid  | (DEL) Alkane: Straight-Chain17.7 | * 160,000.000   | JD |       |        |       |
| P3696-04MEDL          | GCN88MEDL | Solid  | (DEL) Alkane: Straight-Chain18.4 | * 140,000.000   | JD |       |        |       |
| P3696-04MEDL          | GCN88MEDL | Solid  | (DEL) Alkane: Straight-Chain19.1 | * 110,000.000   | JD |       |        |       |
| P3696-04MEDL          | GCN88MEDL | Solid  | (DEL) Alkane: Straight-Chain19.7 | * 72,000.000    | JD |       |        |       |
| P3696-04MEDL          | GCN88MEDL | Solid  | Butane, 2-methoxy-2-methyl-      | * 360,000.000   | JD |       |        |       |
| P3696-04MEDL          | GCN88MEDL | Solid  | Dodecane, 1-iodo-                | * 68,000.000    | JD |       |        |       |
| P3696-04MEDL          | GCN88MEDL | Solid  | Total Alkanes                    | * 1,200,000.000 | D  | 23000 | 160000 | ug/Kg |
| Total Tics :          |           |        |                                  | 2,800,000.00    |    |       |        |       |
| P3696-04MEDL          | GCN88MEDL | Solid  | 2,3,4,6-Tetrachlorophenol        | 47,000.000      | JD | 31000 | 160000 | ug/Kg |
| P3696-04MEDL          | GCN88MEDL | Solid  | Pentachlorophenol                | 2,000,000.000   | D  | 58000 | 320000 | ug/Kg |
| Total Svoc :          |           |        |                                  | 2,047,000.00    |    |       |        |       |
| Total Concentration:  |           |        |                                  | 4,847,000.00    |    |       |        |       |

Client ID : A4495

### Hit Summary Sheet SW-846

SDG No.: BP083024

Client:

| Sample ID            | Client ID | Matrix | Parameter                         | Concentration | C         | MDL  | RDL | Units |
|----------------------|-----------|--------|-----------------------------------|---------------|-----------|------|-----|-------|
| P3733-01             | A4495     | Solid  | Butane, 2-methoxy-2-methyl-       | *             | 1,900.000 | J    |     |       |
| P3733-01             | A4495     | Solid  | Total Alkanes                     | *             | 0.000     | 28   | 200 | ug/Kg |
| Total Tics :         |           |        |                                   |               | 1,900.00  |      |     |       |
| Total Concentration: |           |        |                                   |               | 1,900.00  |      |     |       |
| Client ID : A4497    |           |        |                                   |               |           |      |     |       |
| P3733-03             | A4497     | Solid  | Butane, 2-methoxy-2-methyl-       | *             | 8,400.000 | J    |     |       |
| P3733-03             | A4497     | Solid  | n-Hexadecanoic acid               | *             | 78.000    | J    |     |       |
| P3733-03             | A4497     | Solid  | Total Alkanes                     | *             | 0.000     | 28   | 200 | ug/Kg |
| Total Tics :         |           |        |                                   |               | 8,478.00  |      |     |       |
| P3733-03             | A4497     | Solid  | Acetophenone                      |               | 51.000    | J 47 | 390 | ug/Kg |
| P3733-03             | A4497     | Solid  | Benzo(a)anthracene                |               | 110.000   | J 32 | 200 | ug/Kg |
| P3733-03             | A4497     | Solid  | Benzo(a)pyrene                    |               | 69.000    | J 38 | 200 | ug/Kg |
| P3733-03             | A4497     | Solid  | Benzo(b)fluoranthene              |               | 170.000   | J 39 | 200 | ug/Kg |
| P3733-03             | A4497     | Solid  | Benzo(k)fluoranthene              |               | 61.000    | J 45 | 200 | ug/Kg |
| P3733-03             | A4497     | Solid  | Chrysene                          |               | 130.000   | J 36 | 200 | ug/Kg |
| P3733-03             | A4497     | Solid  | Fluoranthene                      |               | 270.000   | J 64 | 200 | ug/Kg |
| P3733-03             | A4497     | Solid  | Indeno(1,2,3-cd)pyrene            |               | 56.000    | J 36 | 200 | ug/Kg |
| P3733-03             | A4497     | Solid  | Phenanthrene                      |               | 210.000   | J 34 | 200 | ug/Kg |
| P3733-03             | A4497     | Solid  | Pyrene                            |               | 180.000   | J 58 | 200 | ug/Kg |
| Total Svoc :         |           |        |                                   |               | 1,307.00  |      |     |       |
| Total Concentration: |           |        |                                   |               | 9,785.00  |      |     |       |
| Client ID : A4498    |           |        |                                   |               |           |      |     |       |
| P3733-04             | A4498     | Solid  | Butane, 2-methoxy-2-methyl-       | *             | 2,100.000 | J    |     |       |
| P3733-04             | A4498     | Solid  | n-Hexadecanoic acid               | *             | 100.000   | J    |     |       |
| P3733-04             | A4498     | Solid  | Total Alkanes                     | *             | 0.000     | 32   | 230 | ug/Kg |
| Total Tics :         |           |        |                                   |               | 2,200.00  |      |     |       |
| Total Concentration: |           |        |                                   |               | 2,200.00  |      |     |       |
| Client ID : A4499    |           |        |                                   |               |           |      |     |       |
| P3733-05             | A4499     | Solid  | (DEL) Alkane: Cyclic21.345        | *             | 110.000   | J    |     |       |
| P3733-05             | A4499     | Solid  | Butane, 2-methoxy-2-methyl-       | *             | 1,900.000 | J    |     |       |
| P3733-05             | A4499     | Solid  | n-Hexadecanoic acid               | *             | 120.000   | J    |     |       |
| P3733-05             | A4499     | Solid  | Total Alkanes                     | *             | 110.000   | 27   | 190 | ug/Kg |
| Total Tics :         |           |        |                                   |               | 2,240.00  |      |     |       |
| Total Concentration: |           |        |                                   |               | 2,240.00  |      |     |       |
| Client ID : A44A0    |           |        |                                   |               |           |      |     |       |
| P3733-06             | A44A0     | Solid  | Butane, 2-methoxy-2-methyl-       | *             | 2,100.000 | J    |     |       |
| P3733-06             | A44A0     | Solid  | Heptafluorobutyric acid, pentadec | *             | 75.000    | J    |     |       |
| P3733-06             | A44A0     | Solid  | Hexathiane                        | *             | 180.000   | J    |     |       |
| P3733-06             | A44A0     | Solid  | n-Hexadecanoic acid               | *             | 110.000   | J    |     |       |

### Hit Summary Sheet SW-846

SDG No.: BP083024

Client:

| Sample ID            | Client ID | Matrix | Parameter                         | Concentration | C         | MDL  | RDL | Units |
|----------------------|-----------|--------|-----------------------------------|---------------|-----------|------|-----|-------|
| P3733-06             | A44A0     | Solid  | Total Alkanes                     | *             | 0.000     | 27   | 190 | ug/Kg |
| Total Tics :         |           |        |                                   | 2,465.00      |           |      |     |       |
| Total Concentration: |           |        |                                   | 2,465.00      |           |      |     |       |
| Client ID : A44A1    |           |        |                                   |               |           |      |     |       |
| P3733-07             | A44A1     | Solid  | (DEL) Alkane: Straight-Chain21.3  | *             | 100.000   | J    |     |       |
| P3733-07             | A44A1     | Solid  | 1-Phenoxypropan-2-ol              | *             | 170.000   | J    |     |       |
| P3733-07             | A44A1     | Solid  | Butane, 2-methoxy-2-methyl-       | *             | 2,600.000 | J    |     |       |
| P3733-07             | A44A1     | Solid  | Propylene Glycol                  | *             | 110.000   | J    |     |       |
| P3733-07             | A44A1     | Solid  | Total Alkanes                     | *             | 100.000   | 33   | 230 | ug/Kg |
| Total Tics :         |           |        |                                   | 3,080.00      |           |      |     |       |
| Total Concentration: |           |        |                                   | 3,080.00      |           |      |     |       |
| Client ID : A44A5    |           |        |                                   |               |           |      |     |       |
| P3733-13             | A44A5     | Solid  | Butane, 2-methoxy-2-methyl-       | *             | 9,700.000 | J    |     |       |
| P3733-13             | A44A5     | Solid  | Sulfurous acid, 2-propyl tridecyl | *             | 86.000    | J    |     |       |
| P3733-13             | A44A5     | Solid  | Total Alkanes                     | *             | 0.000     | 31   | 220 | ug/Kg |
| Total Tics :         |           |        |                                   | 9,786.00      |           |      |     |       |
| P3733-13             | A44A5     | Solid  | Benzo(b)fluoranthene              |               | 91.000    | J 42 | 220 | ug/Kg |
| Total Svoc :         |           |        |                                   | 91.00         |           |      |     |       |
| Total Concentration: |           |        |                                   | 9,877.00      |           |      |     |       |



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BP082324 SAS No.: BP082324 SDG No.: BP082324  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 8/23/2024 : \_\_\_\_\_  
Calibration Time(s): 13:31 \_\_\_\_\_

|                            |        |                     |        |                     |        |                     |       |       |
|----------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
| LAB FILE ID:               |        | RRFAL1 = BP021624.D |        | RRFAL2 = BP021625.D |        | RRFAL3 = BP021626.D |       |       |
|                            |        | RRFAL4 = BP021627.D |        | RRFAL5 = BP021628.D |        | RRFAL6 = BP021629.D |       |       |
| COMPOUND                   | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4              | RRFAL5 | RRFAL6              | RRF   | % RSD |
| 1,4-Dioxane                | 0.625  | 0.724               | 0.612  | 0.623               | 0.618  |                     | 0.640 | 7.4   |
| Benzaldehyde               |        | 1.273               | 1.338  | 1.223               | 0.925  | 0.699               | 1.092 | 24.8  |
| Pyridine                   |        | 1.953               | 1.708  | 1.739               | 1.704  | 1.603               | 1.741 | 7.4   |
| Hexachloroethane           | 0.602  | 0.700               | 0.643  | 0.643               | 0.645  |                     | 0.647 | 5.4   |
| Nitrobenzene               | 0.406  | 0.482               | 0.459  | 0.453               | 0.444  |                     | 0.449 | 6.1   |
| Isophorone                 | 0.810  | 0.975               | 0.909  | 0.919               | 0.890  |                     | 0.900 | 6.6   |
| 2-Nitrophenol              | 0.148  | 0.186               | 0.185  | 0.192               | 0.195  |                     | 0.181 | 10.5  |
| 2,4-Dimethylphenol         | 0.408  | 0.473               | 0.448  | 0.446               | 0.445  |                     | 0.444 | 5.2   |
| Bis(2-Chloroethoxy)methane | 0.534  | 0.612               | 0.570  | 0.569               | 0.540  |                     | 0.565 | 5.5   |
| 2,4-Dichlorophenol         | 0.290  | 0.344               | 0.325  | 0.333               | 0.325  |                     | 0.323 | 6.3   |
| Naphthalene                | 1.087  | 1.229               | 1.127  | 1.111               | 1.081  |                     | 1.127 | 5.3   |
| 4-Chloroaniline            |        | 0.521               | 0.473  | 0.472               | 0.467  | 0.430               | 0.473 | 6.9   |
| Hexachlorobutadiene        | 0.213  | 0.237               | 0.217  | 0.214               | 0.205  |                     | 0.217 | 5.5   |
| Phenol                     |        | 2.299               | 2.179  | 2.221               | 2.270  | 2.159               | 2.226 | 2.7   |
| Caprolactam                |        | 0.144               | 0.129  | 0.140               | 0.141  | 0.130               | 0.137 | 5.2   |
| 4-Chloro-3-methylphenol    | 0.374  | 0.456               | 0.428  | 0.444               | 0.439  |                     | 0.428 | 7.4   |
| 1-Methylnaphthalene        | 0.719  | 0.841               | 0.771  | 0.765               | 0.738  |                     | 0.767 | 6.1   |
| 2-Methylnaphthalene        | 0.712  | 0.834               | 0.767  | 0.763               | 0.736  |                     | 0.762 | 6.0   |
| Hexachlorocyclopentadiene  |        | 0.339               | 0.358  | 0.370               | 0.370  | 0.372               | 0.362 | 3.9   |
| 2,4,6-Trichlorophenol      | 0.353  | 0.423               | 0.409  | 0.419               | 0.425  |                     | 0.406 | 7.4   |
| 2,4,5-Trichlorophenol      | 0.377  | 0.455               | 0.442  | 0.456               | 0.462  |                     | 0.438 | 8.0   |
| 1,1-Biphenyl               | 1.437  | 1.635               | 1.535  | 1.507               | 1.452  |                     | 1.513 | 5.2   |
| 2-Chloronaphthalene        | 1.127  | 1.278               | 1.189  | 1.181               | 1.157  |                     | 1.186 | 4.8   |
| 2-Nitroaniline             | 0.306  | 0.380               | 0.375  | 0.397               | 0.399  |                     | 0.372 | 10.2  |
| Bis(2-Chloroethyl)ether    |        | 1.837               | 1.744  | 1.726               | 1.722  | 1.622               | 1.730 | 4.4   |
| Dimethylphthalate          | 1.483  | 1.670               | 1.529  | 1.519               | 1.461  |                     | 1.532 | 5.3   |
| 2,6-Dinitrotoluene         | 0.224  | 0.281               | 0.285  | 0.303               | 0.320  |                     | 0.283 | 12.9  |
| Acenaphthylene             | 1.724  | 2.023               | 1.870  | 1.845               | 1.776  |                     | 1.848 | 6.2   |
| 3-Nitroaniline             |        | 0.310               | 0.314  | 0.328               | 0.310  | 0.282               | 0.309 | 5.4   |
| Acenaphthene               | 1.231  | 1.435               | 1.307  | 1.287               | 1.238  |                     | 1.300 | 6.3   |
| 2,4-Dinitrophenol          |        | 0.135               | 0.145  | 0.170               | 0.195  | 0.201               | 0.169 | 17.4  |
| 4-Nitrophenol              |        | 0.285               | 0.258  | 0.267               | 0.273  | 0.250               | 0.267 | 5.0   |
| Dibenzofuran               | 1.718  | 1.984               | 1.803  | 1.772               | 1.712  |                     | 1.798 | 6.2   |
| 2,4-Dinitrotoluene         | 0.341  | 0.432               | 0.427  | 0.457               | 0.465  |                     | 0.425 | 11.6  |
| Diethylphthalate           | 1.494  | 1.683               | 1.523  | 1.524               | 1.470  |                     | 1.539 | 5.4   |
| 2-Chlorophenol             | 1.308  | 1.526               | 1.444  | 1.467               | 1.487  |                     | 1.446 | 5.7   |

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.: BP082324 SAS No.: BP082324 SDG No.: BP082324

Instrument ID: \_\_\_\_\_ Calibration Date(s): 8/23/2024 : \_\_\_\_\_

Calibration Time(s): 13:31 \_\_\_\_\_

| LAB FILE ID:                 |        | RRFAL1 = BP021624.D |        | RRFAL2 = BP021625.D |        | RRFAL3 = BP021626.D |       |       |
|------------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
|                              |        | RRFAL4 = BP021627.D |        | RRFAL5 = BP021628.D |        | RRFAL6 = BP021629.D |       |       |
| COMPOUND                     | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4              | RRFAL5 | RRFAL6              | RRF   | % RSD |
| Fluorene                     | 1.426  | 1.625               | 1.486  | 1.418               | 1.316  |                     | 1.454 | 7.8   |
| 4-Chlorophenyl-phenylether   | 0.726  | 0.804               | 0.744  | 0.710               | 0.670  |                     | 0.731 | 6.7   |
| 4-Nitroaniline               |        | 0.318               | 0.328  | 0.325               | 0.284  | 0.238               | 0.298 | 12.7  |
| 4,6-Dinitro-2-methylphenol   |        | 0.110               | 0.118  | 0.126               | 0.132  | 0.130               | 0.123 | 7.6   |
| N-Nitrosodiphenylamine       | 0.555  | 0.640               | 0.597  | 0.589               | 0.560  |                     | 0.588 | 5.8   |
| 1,2,4,5-Tetrachlorobenzene   | 0.584  | 0.671               | 0.637  | 0.638               | 0.621  |                     | 0.630 | 5.0   |
| 4-Bromophenyl-phenylether    | 0.210  | 0.232               | 0.225  | 0.221               | 0.216  |                     | 0.221 | 3.9   |
| Hexachlorobenzene            | 0.255  | 0.276               | 0.261  | 0.263               | 0.255  |                     | 0.262 | 3.3   |
| Atrazine                     |        | 0.240               | 0.226  | 0.229               | 0.220  | 0.200               | 0.223 | 6.8   |
| Pentachlorophenol            |        | 0.159               | 0.163  | 0.170               | 0.177  | 0.169               | 0.168 | 4.0   |
| 2-Methylphenol               |        | 1.629               | 1.578  | 1.614               | 1.649  | 1.557               | 1.606 | 2.3   |
| Phenanthrene                 | 1.066  | 1.193               | 1.102  | 1.100               | 1.030  |                     | 1.098 | 5.5   |
| Pentachlorobenzene           | 0.301  | 0.330               | 0.311  | 0.306               | 0.294  |                     | 0.308 | 4.5   |
| Anthracene                   | 1.061  | 1.221               | 1.125  | 1.112               | 1.043  |                     | 1.112 | 6.3   |
| 1,2,3,4-Tetrachlorobenzene   | 0.272  | 0.313               | 0.308  | 0.301               | 0.292  |                     | 0.297 | 5.4   |
| Carbazole                    |        | 1.108               | 1.035  | 1.030               | 0.979  | 0.850               | 1.000 | 9.6   |
| Di-n-butylphthalate          | 1.166  | 1.257               | 1.256  | 1.250               | 1.161  |                     | 1.218 | 4.1   |
| Fluoranthene                 | 1.211  | 1.436               | 1.310  | 1.350               | 1.365  |                     | 1.334 | 6.2   |
| Pyrene                       | 1.318  | 1.543               | 1.409  | 1.418               | 1.376  |                     | 1.413 | 5.9   |
| Butylbenzylphthalate         | 0.514  | 0.583               | 0.581  | 0.608               | 0.607  |                     | 0.579 | 6.6   |
| 3,3-Dichlorobenzidine        |        | 0.529               | 0.519  | 0.509               | 0.496  | 0.467               | 0.504 | 4.8   |
| 2,2-oxybis (1-Chloropropane) |        | 1.782               | 1.698  | 1.674               | 1.639  | 1.556               | 1.670 | 4.9   |
| Benzo (a) anthracene         | 1.328  | 1.546               | 1.432  | 1.410               | 1.397  |                     | 1.423 | 5.6   |
| Chrysene                     | 1.265  | 1.480               | 1.347  | 1.313               | 1.290  |                     | 1.339 | 6.3   |
| Bis (2-ethylhexyl) phthalate | 0.795  | 0.855               | 0.879  | 0.886               | 0.854  |                     | 0.854 | 4.2   |
| Di-n-octyl phthalate         |        | 1.252               | 1.273  | 1.305               | 1.242  | 1.258               | 1.266 | 1.9   |
| Benzo (b) fluoranthene       | 1.149  | 1.322               | 1.276  | 1.258               | 1.252  |                     | 1.251 | 5.1   |
| Benzo (k) fluoranthene       | 1.147  | 1.316               | 1.220  | 1.240               | 1.203  |                     | 1.225 | 5.0   |
| Benzo (a) pyrene             | 1.061  | 1.237               | 1.147  | 1.164               | 1.155  |                     | 1.153 | 5.4   |
| Indeno (1,2,3-cd) pyrene     | 1.388  | 1.613               | 1.385  | 1.515               | 1.533  |                     | 1.487 | 6.6   |
| Dibenzo (a,h) anthracene     | 1.115  | 1.304               | 1.117  | 1.215               | 1.220  |                     | 1.195 | 6.7   |
| Benzo (g,h,i) perylene       | 1.072  | 1.244               | 1.057  | 1.175               | 1.196  |                     | 1.149 | 7.1   |
| Acetophenone                 |        | 2.841               | 2.694  | 2.687               | 2.616  | 2.383               | 2.644 | 6.3   |
| 2,3,4,6-Tetrachlorophenol    | 0.332  | 0.398               | 0.375  | 0.390               | 0.392  |                     | 0.378 | 7.1   |
| 1,4-Dioxane-d8               | 0.590  | 0.684               | 0.570  | 0.585               | 0.583  |                     | 0.602 | 7.7   |
| Pyridine-d5                  |        | 1.930               | 1.718  | 1.734               | 1.709  | 1.621               | 1.742 | 6.5   |

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.: BP082324 SAS No.: BP082324 SDG No.: BP082324  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 8/23/2024 : \_\_\_\_\_  
Calibration Time(s): 13:31 \_\_\_\_\_

|                             |        |                     |        |        |                     |        |                     |       |
|-----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:                |        | RRFAL1 = BP021624.D |        |        | RRFAL2 = BP021625.D |        | RRFAL3 = BP021626.D |       |
|                             |        | RRFAL4 = BP021627.D |        |        | RRFAL5 = BP021628.D |        | RRFAL6 = BP021629.D |       |
| COMPOUND                    | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4 | RRFAL5              | RRFAL6 | RRF                 | % RSD |
| Phenol-d5                   |        | 2.173               | 2.061  | 2.130  | 2.201               | 2.106  | 2.134               | 2.6   |
| Bis-(2-Chloroethyl)ether-d8 |        | 1.252               | 1.177  | 1.165  | 1.138               | 1.077  | 1.162               | 5.5   |
| 2-Chlorophenol-d4           | 1.237  | 1.471               | 1.370  | 1.385  | 1.427               |        | 1.378               | 6.4   |
| 4-Methylphenol-d8           |        | 1.668               | 1.617  | 1.666  | 1.695               | 1.600  | 1.649               | 2.4   |
| Nitrobenzene-d5             | 0.142  | 0.167               | 0.161  | 0.166  | 0.169               |        | 0.161               | 6.7   |
| 2-Nitrophenol-d4            | 0.133  | 0.165               | 0.162  | 0.175  | 0.181               |        | 0.163               | 11.3  |
| 2,4-Dichlorophenol-d3       | 0.283  | 0.336               | 0.325  | 0.335  | 0.330               |        | 0.322               | 6.8   |
| 4-Chloroaniline-d4          |        | 0.514               | 0.461  | 0.471  | 0.463               | 0.431  | 0.468               | 6.4   |
| 4-Methylphenol              |        | 1.791               | 1.742  | 1.791  | 1.793               | 1.671  | 1.758               | 3.0   |
| Dimethylphthalate-d6        | 1.476  | 1.675               | 1.507  | 1.517  | 1.476               |        | 1.530               | 5.4   |
| Acenaphthylene-d8           | 1.563  | 1.846               | 1.736  | 1.754  | 1.691               |        | 1.718               | 6.0   |
| 4-Nitrophenol-d4            |        | 0.289               | 0.283  | 0.297  | 0.305               | 0.281  | 0.291               | 3.5   |
| Fluorene-d10                | 1.226  | 1.420               | 1.273  | 1.271  | 1.244               |        | 1.287               | 6.0   |
| 4,6-Dinitro-2-methylphenol- |        | 0.094               | 0.101  | 0.113  | 0.121               | 0.122  | 0.110               | 11.3  |
| Anthracene-d10              | 0.916  | 1.023               | 0.961  | 0.950  | 0.896               |        | 0.949               | 5.1   |
| Pyrene-d10                  | 1.031  | 1.232               | 1.123  | 1.169  | 1.160               |        | 1.143               | 6.5   |
| Benzo(a)pyrene-d12          | 0.977  | 1.131               | 1.055  | 1.079  | 1.090               |        | 1.066               | 5.3   |
| N-Nitroso-di-n-propylamine  | 1.137  | 1.329               | 1.275  | 1.277  | 1.220               |        | 1.248               | 5.9   |

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.: BP083024 SAS No.: BP083024 SDG NO.: BP083024

EPA Sample No.: SSTD020604 Date Analyzed: Aug 30 2024 12:00AM

Lab File ID: BP021626.D Time Analyzed: 11:46

Instrument ID: BNA\_P 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    | 319681              | 7.799 | 1.34042e+01         | 10.59  | 880550              | 14.44 |
|    | UPPER LIMIT    | 639362              | 8.299 | 2680840             | 11.087 | 1761100             | 14.94 |
|    | LOWER LIMIT    | 159840.5            | 7.299 | 670210              | 10.087 | 440275              | 13.94 |
|    | EPA SAMPLE NO. |                     |       |                     |        |                     |       |
| 01 | SBLK016        | 283010              | 7.79  | 1.11516e            | 10.57  | 696514              | 14.43 |
| 02 | SLCS016        | 315568              | 7.77  | 1.2263e+            | 10.56  | 746125              | 14.43 |
| 03 | GCN88ME        | 334258              | 7.79  | 1.27107e            | 10.57  | 703798              | 14.43 |
| 04 | GCN88MEDL      | 262212              | 7.79  | 992838              | 10.58  | 612038              | 14.43 |
| 05 | SLCS042        | 361084              | 7.78  | 1.46518e            | 10.57  | 948843              | 14.43 |
| 06 | SBLK016        | 230005              | 7.79  | 911085              | 10.58  | 597856              | 14.43 |
| 07 | SBLK042        | 315545              | 7.79  | 1.23627e            | 10.58  | 808630              | 14.43 |
| 08 | DCYL0          | 363223              | 7.78  | 1.4141e+            | 10.57  | 910472              | 14.43 |
| 09 | DCYL1          | 283276              | 7.79  | 1.11592e            | 10.57  | 720248              | 14.42 |
| 10 | DCYL2          | 347030              | 7.79  | 1.37468e            | 10.58  | 916413              | 14.43 |
| 11 | DCYL3          | 403171              | 7.78  | 1.6028e+            | 10.56  | 1.01696e            | 14.43 |
| 12 | DCYL5          | 328997              | 7.78  | 1.27674e            | 10.57  | 754629              | 14.43 |
| 13 | DCYL6          | 359062              | 7.79  | 1.36081e            | 10.57  | 771461              | 14.42 |
| 14 | DCYL7          | 317430              | 7.78  | 1.26384e            | 10.57  | 792531              | 14.43 |
| 15 | A4498          | 254689              | 7.78  | 998108              | 10.57  | 616841              | 14.42 |
| 16 | A44A0          | 272849              | 7.78  | 1.04296e            | 10.57  | 590400              | 14.43 |
| 17 | A4499          | 269666              | 7.79  | 1.11766e            | 10.57  | 753186              | 14.43 |
| 18 | SLCS036        | 334665              | 7.79  | 1.3666e+            | 10.58  | 880244              | 14.43 |
| 19 | SBLK036        | 316340              | 7.78  | 1.18698e            | 10.57  | 708122              | 14.42 |
| 20 | A4497          | 256340              | 7.78  | 1.00038e            | 10.57  | 640645              | 14.43 |
| 21 | A44A5          | 260008              | 7.78  | 988862              | 10.57  | 619314              | 14.43 |
| 22 | A4495          | 320982              | 7.78  | 1.18662e            | 10.56  | 696193              | 14.43 |
| 23 | A44A1          | 265835              | 7.78  | 1.06427e            | 10.57  | 676768              | 14.43 |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP083024 SAS No.: BP083024 SDG NO.: BP083024

EPA Sample No.: SSTD020604 Date Analyzed: Aug 31 2024 12:00AM

Lab File ID: BP021626.D Time Analyzed: 06:49

Instrument ID: BNA\_P 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    | 319681              | 7.799 | 1.34042e+01         | 10.59  | 880550              | 14.44 |
| UPPER LIMIT    | 639362              | 8.299 | 2680840             | 11.087 | 1761100             | 14.94 |
| LOWER LIMIT    | 159840.5            | 7.299 | 670210              | 10.087 | 440275              | 13.94 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |       |

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.: BP083024 SAS No.: BP083024 SDG NO.: BP083024

EPA Sample No.: SSTD020750 Date Analyzed: Aug 30 2024 12:00AM

Lab File ID: BP021749.D Time Analyzed: 11:46

Instrument ID: BNA\_P 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    | 310034              | 7.787 | 1.21435e+01         | 10.57  | 768948              | 14.43  |
| UPPER LIMIT    | 620068              | 8.287 | 2428700             | 11.069 | 1537896             | 14.928 |
| LOWER LIMIT    | 155017              | 7.287 | 607175              | 10.069 | 384474              | 13.928 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK016     | 283010              | 7.79  | 1.11516e            | 10.57  | 696514              | 14.43  |
| 02 SLCS016     | 315568              | 7.77  | 1.2263e+            | 10.56  | 746125              | 14.43  |
| 03 GCN88ME     | 334258              | 7.79  | 1.27107e            | 10.57  | 703798              | 14.43  |
| 04 GCN88MEDL   | 262212              | 7.79  | 992838              | 10.58  | 612038              | 14.43  |
| 05 SLCS042     | 361084              | 7.78  | 1.46518e            | 10.57  | 948843              | 14.43  |

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.: BP083024 SAS No.: BP083024 SDG NO.: BP083024

EPA Sample No.: SSTD020751 Date Analyzed: Aug 30 2024 12:00AM

Lab File ID: BP021755.D Time Analyzed: 17:00

Instrument ID: BNA\_P 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    | 291942              | 7.787 | 1.16751e+01         | 10.57  | 741479              | 14.42  |
| UPPER LIMIT    | 583884              | 8.287 | 2335020             | 11.069 | 1482958             | 14.922 |
| LOWER LIMIT    | 145971              | 7.287 | 583755              | 10.069 | 370739.5            | 13.922 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK016     | 230005              | 7.79  | 911085              | 10.58  | 597856              | 14.43  |
| 02 SBLK042     | 315545              | 7.79  | 1.23627e            | 10.58  | 808630              | 14.43  |
| 03 DCYL0       | 363223              | 7.78  | 1.4141e+            | 10.57  | 910472              | 14.43  |
| 04 DCYL1       | 283276              | 7.79  | 1.11592e            | 10.57  | 720248              | 14.42  |
| 05 DCYL2       | 347030              | 7.79  | 1.37468e            | 10.58  | 916413              | 14.43  |
| 06 DCYL3       | 403171              | 7.78  | 1.6028e+            | 10.56  | 1.01696e            | 14.43  |
| 07 DCYL5       | 328997              | 7.78  | 1.27674e            | 10.57  | 754629              | 14.43  |
| 08 DCYL6       | 359062              | 7.79  | 1.36081e            | 10.57  | 771461              | 14.42  |
| 09 DCYL7       | 317430              | 7.78  | 1.26384e            | 10.57  | 792531              | 14.43  |
| 10 A4498       | 254689              | 7.78  | 998108              | 10.57  | 616841              | 14.42  |
| 11 A44A0       | 272849              | 7.78  | 1.04296e            | 10.57  | 590400              | 14.43  |
| 12 A4499       | 269666              | 7.79  | 1.11766e            | 10.57  | 753186              | 14.43  |
| 13 SLCS036     | 334665              | 7.79  | 1.3666e+            | 10.58  | 880244              | 14.43  |

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.: BP083024 SAS No.: BP083024 SDG NO.: BP083024

EPA Sample No.: SSTD020752 Date Analyzed: Aug 31 2024 12:00AM

Lab File ID: BP021769.D Time Analyzed: 03:55

Instrument ID: BNA\_P 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    | 287003              | 7.781 | 1.11956e+04         | 10.57  | 697917              | 14.43  |
| UPPER LIMIT    | 574006              | 8.281 | 2239120             | 11.069 | 1395834             | 14.934 |
| LOWER LIMIT    | 143501.5            | 7.281 | 559780              | 10.069 | 348958.5            | 13.934 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK036     | 316340              | 7.78  | 1.18698e            | 10.57  | 708122              | 14.42  |
| 02 A4497       | 256340              | 7.78  | 1.00038e            | 10.57  | 640645              | 14.43  |
| 03 A44A5       | 260008              | 7.78  | 988862              | 10.57  | 619314              | 14.43  |
| 04 A4495       | 320982              | 7.78  | 1.18662e            | 10.56  | 696193              | 14.43  |
| 05 A44A1       | 265835              | 7.78  | 1.06427e            | 10.57  | 676768              | 14.43  |

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.: BP083024 SAS No.: BP083024 SDG NO.: BP083024

EPA Sample No.: SSTD020604 Date Analyzed: Aug 30 2024 12:00AM

Lab File ID: BP021626.D Time Analyzed: 11:46

Instrument ID: BNA\_P 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    | 1.86215e+04         | 17.239 | 1.87257e+           | 21.716 | 2.17081e+04         | 25.127 |
|    | UPPER LIMIT    | 3724300             | 17.739 | 3745140             | 22.216 | 4341620             | 25.627 |
|    | LOWER LIMIT    | 931075              | 16.739 | 936285              | 21.216 | 1085405             | 24.627 |
|    | EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 | SBLK016        | 1.52572             | 17.22  | 1.49356e+           | 21.68  | 1.66514e+           | 25.09  |
| 02 | SLCS016        | 1.60656             | 17.24  | 1.60136e+           | 21.70  | 1.9293e+0           | 25.12  |
| 03 | GCN88ME        | 1.35854             | 17.25  | 1.47837e+           | 21.70  | 1.81436e+           | 25.10  |
| 04 | GCN88MEDL      | 1.24908             | 17.23  | 1.29988e+           | 21.69  | 1.64239e+           | 25.10  |
| 05 | SLCS042        | 2.0143e             | 17.23  | 1.96527e+           | 21.69  | 2.21963e+           | 25.11  |
| 06 | SBLK016        | 1.36313             | 17.24  | 1.40563e+           | 21.68  | 1.54489e+           | 25.09  |
| 07 | SBLK042        | 1.76326             | 17.24  | 1.79484e+           | 21.69  | 2.03026e+           | 25.09  |
| 08 | DCYL0          | 1.99081             | 17.23  | 2.07543e+           | 21.68  | 2.40903e+           | 25.09  |
| 09 | DCYL1          | 1.59754             | 17.23  | 1.66025e+           | 21.68  | 1.89835e+           | 25.09  |
| 10 | DCYL2          | 2.03105             | 17.23  | 2.01906e+           | 21.69  | 2.25605e+           | 25.09  |
| 11 | DCYL3          | 2.07516             | 17.22  | 2.04715e+           | 21.69  | 2.42082e+           | 25.09  |
| 12 | DCYL5          | 1.52342             | 17.23  | 1.5047e+0           | 21.68  | 1.78745e+           | 25.08  |
| 13 | DCYL6          | 1.37672             | 17.22  | 1.31582e+           | 21.69  | 1.75579e+           | 25.08  |
| 14 | DCYL7          | 1.61473             | 17.23  | 1.49832e+           | 21.68  | 1.77686e+           | 25.09  |
| 15 | A4498          | 1.26043             | 17.23  | 1.2641e+0           | 21.69  | 1.45502e+           | 25.07  |
| 16 | A44A0          | 1.08612             | 17.23  | 1.10579e+           | 21.67  | 1.4219e+0           | 25.06  |
| 17 | A4499          | 1.67381             | 17.23  | 1.73207e+           | 21.67  | 1.95995e+           | 25.08  |
| 18 | SLCS036        | 1.78773             | 17.23  | 1.53137e+           | 21.69  | 1.9485e+0           | 25.09  |
| 19 | SBLK036        | 1.51826             | 17.22  | 1.58237e+           | 21.69  | 1.77208e+           | 25.10  |
| 20 | A4497          | 1.37779             | 17.23  | 1.47837e+           | 21.69  | 1.79736e+           | 25.09  |
| 21 | A44A5          | 1.33213             | 17.24  | 1.44019e+           | 21.68  | 1.71023e+           | 25.09  |



8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP083024 SAS No.: BP083024 SDG NO.: BP083024

EPA Sample No.: SSTD020604 Date Analyzed: Aug 31 2024 12:00AM

Lab File ID: BP021626.D Time Analyzed: 06:06

Instrument ID: BNA\_P 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    | 1.86215e+04         | 17.239 | 1.87257e+           | 21.716 | 2.17081e+04         | 25.127 |
| UPPER LIMIT    | 3724300             | 17.739 | 3745140             | 22.216 | 4341620             | 25.627 |
| LOWER LIMIT    | 931075              | 16.739 | 936285              | 21.216 | 1085405             | 24.627 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 22 A4495       | 1.46674             | 17.23  | 1.58199e+           | 21.68  | 1.89204e+           | 25.07  |
| 23 A44A1       | 1.45035             | 17.24  | 1.4679e+0           | 21.68  | 1.67741e+           | 25.08  |

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.: BP083024 SAS No.: BP083024 SDG NO.: BP083024

EPA Sample No.: SSTD020750 Date Analyzed: Aug 30 2024 12:00AM

Lab File ID: BP021749.D Time Analyzed: 11:46

Instrument ID: BNA\_P 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    | 1.62713e+01         | 17.233 | 1.59361e+           | 21.686 | 1.84728e+01         | 25.086 |
| UPPER LIMIT    | 3254260             | 17.733 | 3187220             | 22.186 | 3694560             | 25.586 |
| LOWER LIMIT    | 813565              | 16.733 | 796805              | 21.186 | 923640              | 24.586 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 SBLK016     | 1.52572             | 17.22  | 1.49356e+           | 21.68  | 1.66514e+           | 25.09  |
| 02 SLCS016     | 1.60656             | 17.24  | 1.60136e+           | 21.70  | 1.9293e+0           | 25.12  |
| 03 GCN88ME     | 1.35854             | 17.25  | 1.47837e+           | 21.70  | 1.81436e+           | 25.10  |
| 04 GCN88MEDL   | 1.24908             | 17.23  | 1.29988e+           | 21.69  | 1.64239e+           | 25.10  |
| 05 SLCS042     | 2.0143e             | 17.23  | 1.96527e+           | 21.69  | 2.21963e+           | 25.11  |

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.: BP083024 SAS No.: BP083024 SDG NO.: BP083024

EPA Sample No.: SSTD020751 Date Analyzed: Aug 30 2024 12:00AM

Lab File ID: BP021755.D Time Analyzed: 17:00

Instrument ID: BNA\_P 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    | 1.57709e+01         | 17.239 | 1.56518e+01         | 21.698 | 1.84762e+01         | 25.115 |
| UPPER LIMIT    | 3154180             | 17.739 | 3130360             | 22.198 | 3695240             | 25.615 |
| LOWER LIMIT    | 788545              | 16.739 | 782590              | 21.198 | 923810              | 24.615 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 SBLK016     | 1.36313             | 17.24  | 1.40563e+01         | 21.68  | 1.54489e+01         | 25.09  |
| 02 SBLK042     | 1.76326             | 17.24  | 1.79484e+01         | 21.69  | 2.03026e+01         | 25.09  |
| 03 DCYL0       | 1.99081             | 17.23  | 2.07543e+01         | 21.68  | 2.40903e+01         | 25.09  |
| 04 DCYL1       | 1.59754             | 17.23  | 1.66025e+01         | 21.68  | 1.89835e+01         | 25.09  |
| 05 DCYL2       | 2.03105             | 17.23  | 2.01906e+01         | 21.69  | 2.25605e+01         | 25.09  |
| 06 DCYL3       | 2.07516             | 17.22  | 2.04715e+01         | 21.69  | 2.42082e+01         | 25.09  |
| 07 DCYL5       | 1.52342             | 17.23  | 1.5047e+01          | 21.68  | 1.78745e+01         | 25.08  |
| 08 DCYL6       | 1.37672             | 17.22  | 1.31582e+01         | 21.69  | 1.75579e+01         | 25.08  |
| 09 DCYL7       | 1.61473             | 17.23  | 1.49832e+01         | 21.68  | 1.77686e+01         | 25.09  |
| 10 A4498       | 1.26043             | 17.23  | 1.2641e+01          | 21.69  | 1.45502e+01         | 25.07  |
| 11 A44A0       | 1.08612             | 17.23  | 1.10579e+01         | 21.67  | 1.4219e+01          | 25.06  |
| 12 A4499       | 1.67381             | 17.23  | 1.73207e+01         | 21.67  | 1.95995e+01         | 25.08  |
| 13 SLCS036     | 1.78773             | 17.23  | 1.53137e+01         | 21.69  | 1.9485e+01          | 25.09  |

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.: BP083024 SAS No.: BP083024 SDG NO.: BP083024

EPA Sample No.: SSTD020752 Date Analyzed: Aug 31 2024 12:00AM

Lab File ID: BP021769.D Time Analyzed: 03:55

Instrument ID: BNA\_P 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    | 1.50395e+01         | 17.239 | 1.50021e+           | 21.692 | 1.75466e+01         | 25.086 |
| UPPER LIMIT    | 3007900             | 17.739 | 3000420             | 22.192 | 3509320             | 25.586 |
| LOWER LIMIT    | 751975              | 16.739 | 750105              | 21.192 | 877330              | 24.586 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 SBLK036     | 1.51826             | 17.22  | 1.58237e+           | 21.69  | 1.77208e+           | 25.10  |
| 02 A4497       | 1.37779             | 17.23  | 1.47837e+           | 21.69  | 1.79736e+           | 25.09  |
| 03 A44A5       | 1.33213             | 17.24  | 1.44019e+           | 21.68  | 1.71023e+           | 25.09  |
| 04 A4495       | 1.46674             | 17.23  | 1.58199e+           | 21.68  | 1.89204e+           | 25.07  |
| 05 A44A1       | 1.45035             | 17.24  | 1.4679e+0           | 21.68  | 1.67741e+           | 25.08  |

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.: BP083024

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

DataFile: \_\_\_\_\_

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                             |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB163016BS    | 1,4-Dioxane                 | 530   | 380    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | Benzaldehyde                | 1300  | 870    | ug/Kg | 67  |     |      |      | 0   | 0      |  |     |
|               | Pyridine                    | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | Phenol                      | 1300  | 990    | ug/Kg | 76  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethyl)ether     | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 2-Chlorophenol              | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylphenol              | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | 2,2-oxybis(1-Chloropropane) | 1300  | 990    | ug/Kg | 76  |     |      |      | 0   | 0      |  |     |
|               | Acetophenone                | 1300  | 950    | ug/Kg | 73  |     |      |      | 0   | 0      |  |     |
|               | 4-Methylphenol              | 1300  | 960    | ug/Kg | 74  |     |      |      | 0   | 0      |  |     |
|               | N-Nitroso-di-n-propylamine  | 1300  | 930    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | Hexachloroethane            | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Nitrobenzene                | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Isophorone                  | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitrophenol               | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dimethylphenol          | 1300  | 840    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethoxy)methane  | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dichlorophenol          | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Naphthalene                 | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloroaniline             | 1300  | 820    | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobutadiene         | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Caprolactam                 | 1300  | 960    | ug/Kg | 74  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloro-3-methylphenol     | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 1-Methylnaphthalene         | 1300  | 990    | ug/Kg | 76  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylnaphthalene         | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorocyclopentadiene   | 1300  | 820    | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | 2,4,6-Trichlorophenol       | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | 2,4,5-Trichlorophenol       | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 1,1'-Biphenyl               | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2-Chloronaphthalene         | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitroaniline              | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Dimethylphthalate           | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2,6-Dinitrotoluene          | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthylene              | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 3-Nitroaniline              | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthene                | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrophenol           | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitrophenol               | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Dibenzofuran                | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrotoluene          | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Diethylphthalate            | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Fluorene                    | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 4-Chlorophenyl-phenylether  | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitroaniline              | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP083024

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

DataFile: \_\_\_\_\_

| Lab Sample ID | Parameter                  | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB163016BS    | 4,6-Dinitro-2-methylphenol | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | N-Nitrosodiphenylamine     | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 4-Bromophenyl-phenylether  | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobenzene          | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Atrazine                   | 1300  | 0      | ug/Kg | 0   |     |      |      | 0   | 0      |  |     |
|               | Pentachlorophenol          | 1300  | 770    | ug/Kg | 59  |     |      |      | 0   | 0      |  |     |
|               | Phenanthrene               | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorobenzene         | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | Anthracene                 | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 1,2,3,4-Tetrachlorobenzene | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Carbazole                  | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Di-n-butylphthalate        | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Fluoranthene               | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Pyrene                     | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Butylbenzylphthalate       | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | 3,3'-Dichlorobenzidine     | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)anthracene         | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Chrysene                   | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-ethylhexyl)phthalate | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Di-n-octylphthalate        | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Benzo(b)fluoranthene       | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Benzo(k)fluoranthene       | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)pyrene             | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Dibenzo(a,h)anthracene     | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Benzo(g,h,i)perylene       | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP083024

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

DataFile: \_\_\_\_\_

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                             |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB163036BS    | 1,4-Dioxane                 | 15800 | 9600   | ug/Kg | 61  |     |      |      | 0   | 0      |  |     |
|               | Benzaldehyde                | 39600 | 23000  | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | Pyridine                    | 39600 | 25000  | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | Phenol                      | 39600 | 26000  | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethyl)ether     | 39600 | 26000  | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | 2-Chlorophenol              | 39600 | 27000  | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylphenol              | 39600 | 26000  | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | 2,2-oxybis(1-Chloropropane) | 39600 | 26000  | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | Acetophenone                | 39600 | 26000  | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | 4-Methylphenol              | 39600 | 26000  | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | N-Nitroso-di-n-propylamine  | 39600 | 25000  | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | Hexachloroethane            | 39600 | 27000  | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | Nitrobenzene                | 39600 | 28000  | ug/Kg | 71  |     |      |      | 0   | 0      |  |     |
|               | Isophorone                  | 39600 | 26000  | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitrophenol               | 39600 | 28000  | ug/Kg | 71  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dimethylphenol          | 39600 | 22000  | ug/Kg | 56  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethoxy)methane  | 39600 | 27000  | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dichlorophenol          | 39600 | 27000  | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | Naphthalene                 | 39600 | 27000  | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloroaniline             | 39600 | 22000  | ug/Kg | 56  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobutadiene         | 39600 | 26000  | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | Caprolactam                 | 39600 | 25000  | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloro-3-methylphenol     | 39600 | 28000  | ug/Kg | 71  |     |      |      | 0   | 0      |  |     |
|               | 1-Methylnaphthalene         | 39600 | 26000  | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylnaphthalene         | 39600 | 27000  | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorocyclopentadiene   | 39600 | 21000  | ug/Kg | 53  |     |      |      | 0   | 0      |  |     |
|               | 2,4,6-Trichlorophenol       | 39600 | 24000  | ug/Kg | 61  |     |      |      | 0   | 0      |  |     |
|               | 2,4,5-Trichlorophenol       | 39600 | 25000  | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | 1,1'-Biphenyl               | 39600 | 27000  | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 2-Chloronaphthalene         | 39600 | 28000  | ug/Kg | 71  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitroaniline              | 39600 | 30000  | ug/Kg | 76  |     |      |      | 0   | 0      |  |     |
|               | Dimethylphthalate           | 39600 | 27000  | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 2,6-Dinitrotoluene          | 39600 | 30000  | ug/Kg | 76  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthylene              | 39600 | 29000  | ug/Kg | 73  |     |      |      | 0   | 0      |  |     |
|               | 3-Nitroaniline              | 39600 | 29000  | ug/Kg | 73  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthene                | 39600 | 27000  | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrophenol           | 39600 | 24000  | ug/Kg | 61  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitrophenol               | 39600 | 27000  | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | Dibenzofuran                | 39600 | 27000  | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrotoluene          | 39600 | 28000  | ug/Kg | 71  |     |      |      | 0   | 0      |  |     |
|               | Diethylphthalate            | 39600 | 27000  | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | Fluorene                    | 39600 | 27000  | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 4-Chlorophenyl-phenylether  | 39600 | 27000  | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitroaniline              | 39600 | 30000  | ug/Kg | 76  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP083024

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

DataFile: \_\_\_\_\_

| Lab Sample ID | Parameter                  | Spike | Result | Unit  | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|----------------------------|-------|--------|-------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |       |     |     |      | Qual | Low    | High |     |
| PB163036BS    | 4,6-Dinitro-2-methylphenol | 39600 | 25000  | ug/Kg | 63  |     |      |      | 0      | 0    |     |
|               | N-Nitrosodiphenylamine     | 39600 | 28000  | ug/Kg | 71  |     |      |      | 0      | 0    |     |
|               | 1,2,4,5-Tetrachlorobenzene | 39600 | 27000  | ug/Kg | 68  |     |      |      | 0      | 0    |     |
|               | 4-Bromophenyl-phenylether  | 39600 | 28000  | ug/Kg | 71  |     |      |      | 0      | 0    |     |
|               | Hexachlorobenzene          | 39600 | 27000  | ug/Kg | 68  |     |      |      | 0      | 0    |     |
|               | Atrazine                   | 39600 | 0      | ug/Kg | 0   |     |      |      | 0      | 0    |     |
|               | Pentachlorophenol          | 39600 | 18000  | ug/Kg | 45  |     |      |      | 0      | 0    |     |
|               | Phenanthrene               | 39600 | 28000  | ug/Kg | 71  |     |      |      | 0      | 0    |     |
|               | Pentachlorobenzene         | 39600 | 27000  | ug/Kg | 68  |     |      |      | 0      | 0    |     |
|               | Anthracene                 | 39600 | 27000  | ug/Kg | 68  |     |      |      | 0      | 0    |     |
|               | 1,2,3,4-Tetrachlorobenzene | 39600 | 28000  | ug/Kg | 71  |     |      |      | 0      | 0    |     |
|               | Carbazole                  | 39600 | 28000  | ug/Kg | 71  |     |      |      | 0      | 0    |     |
|               | Di-n-butylphthalate        | 39600 | 27000  | ug/Kg | 68  |     |      |      | 0      | 0    |     |
|               | Fluoranthene               | 39600 | 30000  | ug/Kg | 76  |     |      |      | 0      | 0    |     |
|               | Pyrene                     | 39600 | 29000  | ug/Kg | 73  |     |      |      | 0      | 0    |     |
|               | Butylbenzylphthalate       | 39600 | 28000  | ug/Kg | 71  |     |      |      | 0      | 0    |     |
|               | 3,3'-Dichlorobenzidine     | 39600 | 25000  | ug/Kg | 63  |     |      |      | 0      | 0    |     |
|               | Benzo(a)anthracene         | 39600 | 28000  | ug/Kg | 71  |     |      |      | 0      | 0    |     |
|               | Chrysene                   | 39600 | 28000  | ug/Kg | 71  |     |      |      | 0      | 0    |     |
|               | Bis(2-ethylhexyl)phthalate | 39600 | 27000  | ug/Kg | 68  |     |      |      | 0      | 0    |     |
|               | Di-n-octylphthalate        | 39600 | 25000  | ug/Kg | 63  |     |      |      | 0      | 0    |     |
|               | Benzo(b)fluoranthene       | 39600 | 28000  | ug/Kg | 71  |     |      |      | 0      | 0    |     |
|               | Benzo(k)fluoranthene       | 39600 | 28000  | ug/Kg | 71  |     |      |      | 0      | 0    |     |
|               | Benzo(a)pyrene             | 39600 | 28000  | ug/Kg | 71  |     |      |      | 0      | 0    |     |
|               | Indeno(1,2,3-cd)pyrene     | 39600 | 29000  | ug/Kg | 73  |     |      |      | 0      | 0    |     |
|               | Dibenzo(a,h)anthracene     | 39600 | 29000  | ug/Kg | 73  |     |      |      | 0      | 0    |     |
|               | Benzo(g,h,i)perylene       | 39600 | 30000  | ug/Kg | 76  |     |      |      | 0      | 0    |     |
|               | 2,3,4,6-Tetrachlorophenol  | 39600 | 21000  | ug/Kg | 53  |     |      |      | 0      | 0    |     |



## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP083024

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

DataFile: \_\_\_\_\_

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|--------|------|-----|
|               |                             |       |        |       |     |     |      | Qual | Low    | High |     |
| PB163042BS    | 1,4-Dioxane                 | 530   | 290    | ug/Kg | 55  |     |      |      | 0      | 0    |     |
|               | Benzaldehyde                | 1300  | 690    | ug/Kg | 53  |     |      |      | 0      | 0    |     |
|               | Pyridine                    | 1300  | 740    | ug/Kg | 57  |     |      |      | 0      | 0    |     |
|               | Phenol                      | 1300  | 790    | ug/Kg | 61  |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethyl)ether     | 1300  | 800    | ug/Kg | 62  |     |      |      | 0      | 0    |     |
|               | 2-Chlorophenol              | 1300  | 820    | ug/Kg | 63  |     |      |      | 0      | 0    |     |
|               | 2-Methylphenol              | 1300  | 790    | ug/Kg | 61  |     |      |      | 0      | 0    |     |
|               | 2,2-oxybis(1-Chloropropane) | 1300  | 790    | ug/Kg | 61  |     |      |      | 0      | 0    |     |
|               | Acetophenone                | 1300  | 790    | ug/Kg | 61  |     |      |      | 0      | 0    |     |
|               | 4-Methylphenol              | 1300  | 790    | ug/Kg | 61  |     |      |      | 0      | 0    |     |
|               | N-Nitroso-di-n-propylamine  | 1300  | 770    | ug/Kg | 59  |     |      |      | 0      | 0    |     |
|               | Hexachloroethane            | 1300  | 830    | ug/Kg | 64  |     |      |      | 0      | 0    |     |
|               | Nitrobenzene                | 1300  | 820    | ug/Kg | 63  |     |      |      | 0      | 0    |     |
|               | Isophorone                  | 1300  | 810    | ug/Kg | 62  |     |      |      | 0      | 0    |     |
|               | 2-Nitrophenol               | 1300  | 900    | ug/Kg | 69  |     |      |      | 0      | 0    |     |
|               | 2,4-Dimethylphenol          | 1300  | 670    | ug/Kg | 52  |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethoxy)methane  | 1300  | 820    | ug/Kg | 63  |     |      |      | 0      | 0    |     |
|               | 2,4-Dichlorophenol          | 1300  | 830    | ug/Kg | 64  |     |      |      | 0      | 0    |     |
|               | Naphthalene                 | 1300  | 810    | ug/Kg | 62  |     |      |      | 0      | 0    |     |
|               | 4-Chloroaniline             | 1300  | 670    | ug/Kg | 52  |     |      |      | 0      | 0    |     |
|               | Hexachlorobutadiene         | 1300  | 810    | ug/Kg | 62  |     |      |      | 0      | 0    |     |
|               | Caprolactam                 | 1300  | 790    | ug/Kg | 61  |     |      |      | 0      | 0    |     |
|               | 4-Chloro-3-methylphenol     | 1300  | 850    | ug/Kg | 65  |     |      |      | 0      | 0    |     |
|               | 1-Methylnaphthalene         | 1300  | 800    | ug/Kg | 62  |     |      |      | 0      | 0    |     |
|               | 2-Methylnaphthalene         | 1300  | 810    | ug/Kg | 62  |     |      |      | 0      | 0    |     |
|               | Hexachlorocyclopentadiene   | 1300  | 650    | ug/Kg | 50  |     |      |      | 0      | 0    |     |
|               | 2,4,6-Trichlorophenol       | 1300  | 750    | ug/Kg | 58  |     |      |      | 0      | 0    |     |
|               | 2,4,5-Trichlorophenol       | 1300  | 790    | ug/Kg | 61  |     |      |      | 0      | 0    |     |
|               | 1,1'-Biphenyl               | 1300  | 820    | ug/Kg | 63  |     |      |      | 0      | 0    |     |
|               | 2-Chloronaphthalene         | 1300  | 830    | ug/Kg | 64  |     |      |      | 0      | 0    |     |
|               | 2-Nitroaniline              | 1300  | 900    | ug/Kg | 69  |     |      |      | 0      | 0    |     |
|               | Dimethylphthalate           | 1300  | 840    | ug/Kg | 65  |     |      |      | 0      | 0    |     |
|               | 2,6-Dinitrotoluene          | 1300  | 920    | ug/Kg | 71  |     |      |      | 0      | 0    |     |
|               | Acenaphthylene              | 1300  | 860    | ug/Kg | 66  |     |      |      | 0      | 0    |     |
|               | 3-Nitroaniline              | 1300  | 890    | ug/Kg | 68  |     |      |      | 0      | 0    |     |
|               | Acenaphthene                | 1300  | 810    | ug/Kg | 62  |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrophenol           | 1300  | 820    | ug/Kg | 63  |     |      |      | 0      | 0    |     |
|               | 4-Nitrophenol               | 1300  | 860    | ug/Kg | 66  |     |      |      | 0      | 0    |     |
|               | Dibenzofuran                | 1300  | 820    | ug/Kg | 63  |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrotoluene          | 1300  | 930    | ug/Kg | 72  |     |      |      | 0      | 0    |     |
|               | Diethylphthalate            | 1300  | 850    | ug/Kg | 65  |     |      |      | 0      | 0    |     |
|               | Fluorene                    | 1300  | 830    | ug/Kg | 64  |     |      |      | 0      | 0    |     |
|               | 4-Chlorophenyl-phenylether  | 1300  | 830    | ug/Kg | 64  |     |      |      | 0      | 0    |     |
|               | 4-Nitroaniline              | 1300  | 990    | ug/Kg | 76  |     |      |      | 0      | 0    |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP083024

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

DataFile: \_\_\_\_\_

| Lab Sample ID | Parameter                  | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB163042BS    | 4,6-Dinitro-2-methylphenol | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | N-Nitrosodiphenylamine     | 1300  | 840    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 1300  | 820    | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | 4-Bromophenyl-phenylether  | 1300  | 840    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobenzene          | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | Atrazine                   | 1300  |        | ug/Kg | 0   |     |      |      | 0   | 0      |  |     |
|               | Pentachlorophenol          | 1300  | 610    | ug/Kg | 47  |     |      |      | 0   | 0      |  |     |
|               | Phenanthrene               | 1300  | 850    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorobenzene         | 1300  | 790    | ug/Kg | 61  |     |      |      | 0   | 0      |  |     |
|               | Anthracene                 | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | 1,2,3,4-Tetrachlorobenzene | 1300  | 820    | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | Carbazole                  | 1300  | 870    | ug/Kg | 67  |     |      |      | 0   | 0      |  |     |
|               | Di-n-butylphthalate        | 1300  | 910    | ug/Kg | 70  |     |      |      | 0   | 0      |  |     |
|               | Fluoranthene               | 1300  | 880    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | Pyrene                     | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | Butylbenzylphthalate       | 1300  | 950    | ug/Kg | 73  |     |      |      | 0   | 0      |  |     |
|               | 3,3'-Dichlorobenzidine     | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)anthracene         | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | Chrysene                   | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-ethylhexyl)phthalate | 1300  | 950    | ug/Kg | 73  |     |      |      | 0   | 0      |  |     |
|               | Di-n-octylphthalate        | 1300  | 980    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | Benzo(b)fluoranthene       | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | Benzo(k)fluoranthene       | 1300  | 880    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)pyrene             | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 1300  | 850    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Dibenzo(a,h)anthracene     | 1300  | 850    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Benzo(g,h,i)perylene       | 1300  | 880    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 1300  | 680    | ug/Kg | 52  |     |      |      | 0   | 0      |  |     |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK016

Lab Name: CHEMTECH

Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BP083024

SAS No.: BP083024 SDG NO.: BP083024

Lab File ID: BP021756.D

Lab Sample ID: PB163016BL

Instrument ID: BNA\_P

Date Extracted: 08/27/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/30/2024

Level: (low/med) LOW

Time Analyzed: 17:00

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 |
|-------------------|------------------|----------------|------------------|
| PB163016BS        | PB163016BS       | BP021751.D     | 08/30/2024       |
| A4498             | P3733-04         | BP021765.D     | 08/30/2024       |
| A44A0             | P3733-06         | BP021766.D     | 08/31/2024       |
| A4499             | P3733-05         | BP021767.D     | 08/31/2024       |
| A4497             | P3733-03         | BP021771.D     | 08/31/2024       |
| A44A5             | P3733-13         | BP021772.D     | 08/31/2024       |
| A4495             | P3733-01         | BP021773.D     | 08/31/2024       |
| A44A1             | P3733-07         | BP021774.D     | 08/31/2024       |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK036

Lab Name: CHEMTECH

Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BP083024

SAS No.: BP083024 SDG NO.: BP083024

Lab File ID: BP021770.D

Lab Sample ID: PB163036BL

Instrument ID: BNA\_P

Date Extracted: 08/27/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/31/2024

Level: (low/med) MED

Time Analyzed: 03:55

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 |
|-------------------|------------------|----------------|------------------|
| PB163036BS        | PB163036BS       | BP021768.D     | 08/31/2024       |
| GCN88ME           | P3696-04ME       | BP021752.D     | 08/30/2024       |
| GCN88MEDL         | P3696-04MEDL     | BP021753.D     | 08/30/2024       |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK042

Lab Name: CHEMTECH

Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BP083024

SAS No.: BP083024 SDG NO.: BP083024

Lab File ID: BP021757.D

Lab Sample ID: PB163042BL

Instrument ID: BNA\_P

Date Extracted: 08/28/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/30/2024

Level: (low/med) LOW

Time Analyzed: 17:43

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 |
|-------------------|------------------|----------------|------------------|
| DCYL0             | P3438-02         | BP021758.D     | 08/30/2024       |
| DCYL1             | P3438-03         | BP021759.D     | 08/30/2024       |
| DCYL2             | P3438-04         | BP021760.D     | 08/30/2024       |
| DCYL3             | P3438-05         | BP021761.D     | 08/30/2024       |
| DCYL5             | P3438-09         | BP021762.D     | 08/30/2024       |
| DCYL6             | P3438-10         | BP021763.D     | 08/30/2024       |
| DCYL7             | P3438-11         | BP021764.D     | 08/30/2024       |
| PB163042BS        | PB163042BS       | BP021754.D     | 08/30/2024       |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_

## Surrogate Summary

SW-846

SDG No.: BP083024

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P3733-01      | A4495     | BP021773.D | 1,4-Dioxane-d8                | 8              | 3.70            | 46           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 17.25           | 43           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 18.08           | 45           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 18.57           | 46           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 18.94           | 47           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 16.84           | 42           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 19.54           | 49           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 18.63           | 47           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 17.52           | 44           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 17.86           | 45           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 18.47           | 46           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 18.64           | 47           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 14.16           | 35           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 19.26           | 48           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 11.57           | 29           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 19.56           | 49           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 18.90           | 47           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 19.37           | 48           |      | 10         | 140  |
| P3733-03      | A4497     | BP021771.D | 1,4-Dioxane-d8                | 8              | 2.32            | 29           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 12.00           | 30           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 12.97           | 32           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 12.68           | 32           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 10.10           | 25           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 13.10           | 33           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 12.32           | 31           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 11.69           | 29           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 9.57            | 24           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 13.34           | 33           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 13.28           | 33           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 8.19            | 20           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 14.11           | 35           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 7.65            | 19           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 13.88           | 35           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 12.20           | 31           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 8.88            | 22           |      | 10         | 140  |
| P3733-04      | A4498     | BP021765.D | 1,4-Dioxane-d8                | 8              | 4.36            | 54           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 22.03           | 55           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 23.41           | 59           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 23.21           | 58           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 24.15           | 60           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 22.97           | 57           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 25.21           | 63           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 24.89           | 62           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 23.38           | 58           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 24.39           | 61           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 26.83           | 67           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 26.42           | 66           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 22.13           | 55           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: **BP083024**

Client: \_\_\_\_\_

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P3733-04      | A4498     | BP021765.D | Fluorene-d10                  | 40             | 27.14           | 68           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 18.45           | 46           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 27.20           | 68           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 28.31           | 71           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 28.29           | 71           |      | 10         | 140  |
| P3733-05      | A4499     | BP021767.D | 1,4-Dioxane-d8                | 8              | 4.23            | 53           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 22.16           | 55           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 23.90           | 60           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 24.60           | 61           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 25.03           | 63           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 24.35           | 61           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 25.86           | 65           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 26.52           | 66           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 23.40           | 58           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 25.57           | 64           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 28.72           | 72           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 27.18           | 68           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 24.59           | 61           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 28.50           | 71           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 20.70           | 52           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 28.54           | 71           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 28.53           | 71           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 28.96           | 72           |      | 10         | 140  |
| P3733-06      | A44A0     | BP021766.D | 1,4-Dioxane-d8                | 8              | 4.54            | 57           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 22.62           | 57           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 24.21           | 61           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 24.01           | 60           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 24.95           | 62           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 23.46           | 59           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 26.34           | 66           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 26.51           | 66           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 23.86           | 60           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 23.52           | 59           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 26.69           | 67           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 28.08           | 70           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 17.65           | 44           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 26.88           | 67           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 17.27           | 43           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 28.76           | 72           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 27.67           | 69           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 29.20           | 73           |      | 10         | 140  |
| P3733-07      | A44A1     | BP021774.D | 1,4-Dioxane-d8                | 8              | 4.77            | 60           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 23.76           | 59           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 25.09           | 63           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 25.30           | 63           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 25.80           | 64           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 24.76           | 62           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 26.20           | 65           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 26.63           | 67           |      | 10         | 120  |

## Surrogate Summary

SW-846

SDG No.: BP083024

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P3733-07      | A44A1      | BP021774.D | 2,4-Dichlorophenol-d3         | 40             | 24.71           | 62           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 25.65           | 64           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 27.65           | 69           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 27.68           | 69           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 22.70           | 57           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 28.32           | 71           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 18.43           | 46           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 28.65           | 72           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 29.08           | 73           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 29.21           | 73           |      | 10         | 140  |
| P3733-13      | A44A5      | BP021772.D | 1,4-Dioxane-d8                | 8              | 1.66            | 21           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 1.47            | 4            | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 8.41            | 21           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 9.22            | 23           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 8.87            | 22           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 5.26            | 13           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 9.00            | 22           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 8.15            | 20           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 7.64            | 19           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 6.26            | 16           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 9.43            | 24           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 9.10            | 23           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 4.16            | 10           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 10.07           | 25           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 2.92            | 7            | *    | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 9.47            | 24           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 8.18            | 20           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 5.87            | 15           |      | 10         | 140  |
| PB163016BL    | PB163016BL | BP021750.D | 1,4-Dioxane-d8                | 8              | 6.23            | 78           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 28.06           | 70           |      | 20         | 120  |
|               |            | BP021756.D | 1,4-Dioxane-d8                | 8              | 6.48            | 81           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 28.75           | 72           |      | 20         | 120  |
|               |            | BP021750.D | Phenol-d5                     | 40             | 28.91           | 72           |      | 10         | 130  |
|               |            |            | Phenol-d5                     | 40             | 28.89           | 72           |      | 10         | 130  |
|               |            | BP021756.D | Bis(2-Chloroethyl)ether-d8    | 40             | 28.75           | 72           |      | 10         | 150  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 28.90           | 72           |      | 10         | 150  |
|               |            | BP021750.D | 2-Chlorophenol-d4             | 40             | 29.56           | 74           |      | 15         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 29.60           | 74           |      | 15         | 120  |
|               |            | BP021756.D | 4-Methylphenol-d8             | 40             | 27.21           | 68           |      | 10         | 140  |
|               |            |            | 4-Methylphenol-d8             | 40             | 27.43           | 69           |      | 10         | 140  |
|               |            | BP021750.D | Nitrobenzene-d5               | 40             | 30.99           | 77           |      | 10         | 135  |
|               |            |            | Nitrobenzene-d5               | 40             | 31.21           | 78           |      | 10         | 135  |
|               |            | BP021756.D | 2-Nitrophenol-d4              | 40             | 32.12           | 80           |      | 10         | 120  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 31.91           | 80           |      | 10         | 120  |
|               |            | BP021750.D | 2,4-Dichlorophenol-d3         | 40             | 28.11           | 70           |      | 10         | 140  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 28.26           | 71           |      | 10         | 140  |
|               |            | BP021756.D | 4-Chloroaniline-d4            | 40             | 26.77           | 67           |      | 1          | 145  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 27.59           | 69           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 31.29           | 78           |      | 10         | 145  |



## Surrogate Summary

SW-846

SDG No.: BP083024

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| PB163016BL    | PB163016BL | BP021750.D | Dimethylphthalate-d6          | 40             | 31.51           | 79           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 30.63           | 77           |      | 15         | 120  |
|               |            | BP021756.D | Acenaphthylene-d8             | 40             | 29.99           | 75           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 28.18           | 70           |      | 10         | 150  |
|               |            | BP021750.D | 4-Nitrophenol-d4              | 40             | 27.79           | 69           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 31.01           | 78           |      | 20         | 140  |
|               |            | BP021756.D | Fluorene-d10                  | 40             | 31.35           | 78           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 24.46           | 61           |      | 10         | 130  |
|               |            | BP021750.D | 4,6-Dinitro-2-methylphenol-d2 | 40             | 25.22           | 63           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 31.19           | 78           |      | 10         | 150  |
|               |            | BP021756.D | Anthracene-d10                | 40             | 30.75           | 77           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 31.30           | 78           |      | 10         | 130  |
|               |            | BP021750.D | Pyrene-d10                    | 40             | 31.45           | 79           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 30.88           | 77           |      | 10         | 140  |
|               |            | BP021756.D | Benzo(a)pyrene-d12            | 40             | 30.95           | 77           |      | 10         | 140  |
| PB163016BS    | PB163016BS | BP021751.D | 1,4-Dioxane-d8                | 8              | 7.07            | 88           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 28.75           | 72           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 30.17           | 75           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 29.94           | 75           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 31.00           | 77           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 28.96           | 72           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 33.61           | 84           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 34.52           | 86           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 32.06           | 80           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 26.95           | 67           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 32.24           | 81           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 32.08           | 80           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 33.54           | 84           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 31.86           | 80           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 33.81           | 85           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 31.42           | 79           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 32.39           | 81           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 31.70           | 79           |      | 10         | 140  |

## Surrogate Summary

SW-846

SDG No.: BP083024

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P3696-04ME    | GCN88ME    | BP021752.D | 1,4-Dioxane-d8                | 8              | 1.90            | 24           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 10.87           | 27           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 11.03           | 28           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 11.29           | 28           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 9.90            | 25           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 11.64           | 29           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 11.95           | 30           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 11.09           | 28           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 6.64            | 17           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 12.50           | 31           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 12.94           | 32           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 10.69           | 27           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 12.61           | 32           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 10.11           | 25           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 13.02           | 33           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 10.51           | 26           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 8.52            | 21           |      | 10         | 140  |
| P3696-04MEDL  | GCN88MEDL  | BP021753.D | 1,4-Dioxane-d8                | 8              | 0.00            | 0            | *    | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 10.71           | 27           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 12.87           | 32           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 12.51           | 31           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 8.94            | 22           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 11.91           | 30           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 11.31           | 28           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 6.81            | 17           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 5.67            | 14           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 13.32           | 33           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 11.88           | 30           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 0.00            | 0            | *    | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 14.07           | 35           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 0.00            | 0            | *    | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 15.33           | 38           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 12.84           | 32           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 8.88            | 22           |      | 10         | 140  |
| PB163036BL    | PB163036BL | BP021770.D | 1,4-Dioxane-d8                | 8              | 5.97            | 75           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 26.17           | 65           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 25.82           | 65           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 26.34           | 66           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 26.42           | 66           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 24.06           | 60           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 28.36           | 71           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 27.77           | 69           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 24.01           | 60           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 24.28           | 61           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 28.15           | 70           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 27.58           | 69           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 24.02           | 60           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BP083024

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| PB163036BL    | PB163036BL | BP021770.D | Fluorene-d10                  | 40             | 28.20           | 71           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 21.89           | 55           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 28.46           | 71           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 28.14           | 70           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 28.14           | 70           |      | 10         | 140  |
| PB163036BS    | PB163036BS | BP021768.D | 1,4-Dioxane-d8                | 8              | 5.92            | 74           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 24.96           | 62           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 26.86           | 67           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 26.30           | 66           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 27.00           | 68           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 26.16           | 65           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 28.49           | 71           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 29.22           | 73           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 27.96           | 70           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 23.63           | 59           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 27.14           | 68           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 28.07           | 70           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 26.98           | 67           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 27.94           | 70           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 26.26           | 66           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 27.30           | 68           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 29.73           | 74           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 27.90           | 70           |      | 10         | 140  |

## Surrogate Summary

SW-846

SDG No.: BP083024

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P3438-02      | DCYL0     | BP021758.D | 1,4-Dioxane-d8                | 8              | 2.76            | 34           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 13.57           | 34           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 14.67           | 37           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 14.94           | 37           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 15.26           | 38           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 14.58           | 36           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 16.18           | 40           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 16.43           | 41           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 15.05           | 38           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 15.58           | 39           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 17.22           | 43           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 16.83           | 42           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 13.60           | 34           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 17.37           | 43           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 11.05           | 28           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 17.31           | 43           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 17.04           | 43           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 17.11           | 43           |      | 10         | 140  |
| P3438-03      | DCYL1     | BP021759.D | 1,4-Dioxane-d8                | 8              | 3.21            | 40           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 15.41           | 39           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 16.85           | 42           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 16.92           | 42           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 17.44           | 44           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 16.72           | 42           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 17.61           | 44           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 17.86           | 45           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 16.89           | 42           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 17.70           | 44           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 19.44           | 49           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 18.82           | 47           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 16.33           | 41           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 20.14           | 50           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 12.46           | 31           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 20.04           | 50           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 20.23           | 51           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 20.33           | 51           |      | 10         | 140  |
| P3438-04      | DCYL2     | BP021760.D | 1,4-Dioxane-d8                | 8              | 2.60            | 32           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 5.49            | 14           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 14.40           | 36           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 15.39           | 38           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 15.65           | 39           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 14.34           | 36           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 16.08           | 40           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 15.36           | 38           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 15.38           | 38           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 14.02           | 35           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 15.63           | 39           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 17.03           | 43           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 11.37           | 28           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: **BP083024**

Client: \_\_\_\_\_

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P3438-04      | DCYL2     | BP021760.D | Fluorene-d10                  | 40             | 17.92           | 45           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 8.15            | 20           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 17.51           | 44           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 17.80           | 44           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 17.56           | 44           |      | 10         | 140  |
| P3438-05      | DCYL3     | BP021761.D | 1,4-Dioxane-d8                | 8              | 2.64            | 33           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 11.88           | 30           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 13.96           | 35           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 14.34           | 36           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 14.70           | 37           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 14.04           | 35           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 15.21           | 38           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 14.82           | 37           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 14.26           | 36           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 13.93           | 35           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 15.33           | 38           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 15.66           | 39           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 11.47           | 29           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 16.04           | 40           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 10.04           | 25           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 16.37           | 41           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 15.93           | 40           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 16.45           | 41           |      | 10         | 140  |
| P3438-09      | DCYL5     | BP021762.D | 1,4-Dioxane-d8                | 8              | 3.99            | 50           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 18.51           | 46           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 19.72           | 49           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 19.79           | 49           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 20.65           | 52           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 19.28           | 48           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 21.29           | 53           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 21.21           | 53           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 19.32           | 48           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 19.81           | 50           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 21.16           | 53           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 21.61           | 54           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 16.71           | 42           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 21.79           | 54           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 13.87           | 35           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 22.22           | 56           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 21.94           | 55           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 22.14           | 55           |      | 10         | 140  |
| P3438-10      | DCYL6     | BP021763.D | 1,4-Dioxane-d8                | 8              | 3.01            | 38           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 14.13           | 35           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 15.03           | 38           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 15.50           | 39           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 15.79           | 39           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 14.57           | 36           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 16.58           | 41           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 16.37           | 41           |      | 10         | 120  |

## Surrogate Summary

SW-846

SDG No.: BP083024

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P3438-10      | DCYL6      | BP021763.D | 2,4-Dichlorophenol-d3         | 40             | 14.76           | 37           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 15.31           | 38           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 15.79           | 39           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 16.73           | 42           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 9.82            | 25           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 16.15           | 40           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 9.60            | 24           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 16.40           | 41           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 16.13           | 40           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 17.47           | 44           |      | 10         | 140  |
| P3438-11      | DCYL7      | BP021764.D | 1,4-Dioxane-d8                | 8              | 3.79            | 47           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 17.88           | 45           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 18.72           | 47           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 19.60           | 49           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 19.93           | 50           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 18.80           | 47           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 20.49           | 51           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 20.59           | 51           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 18.49           | 46           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 19.63           | 49           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 20.71           | 52           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 20.87           | 52           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 14.77           | 37           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 20.88           | 52           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 13.11           | 33           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 20.76           | 52           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 21.44           | 54           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 21.45           | 54           |      | 10         | 140  |
| PB163042BL    | PB163042BL | BP021757.D | Pyridine-d5                   | 40             | 23.10           | 58           |      | 20         | 120  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 5.18            | 65           |      | 15         | 120  |
|               |            |            | Phenol-d5                     | 40             | 23.12           | 58           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 23.73           | 59           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 24.30           | 61           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 22.23           | 56           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 25.76           | 64           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 26.40           | 66           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 21.80           | 54           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 22.81           | 57           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 26.17           | 65           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 24.88           | 62           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 22.41           | 56           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 25.93           | 65           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 20.96           | 52           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 25.89           | 65           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 25.46           | 64           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 25.54           | 64           |      | 10         | 140  |
| PB163042BS    | PB163042BS | BP021754.D | Pyridine-d5                   | 40             | 22.15           | 55           |      | 20         | 120  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 5.13            | 64           |      | 15         | 120  |
|               |            |            | Phenol-d5                     | 40             | 24.13           | 60           |      | 10         | 130  |

## Surrogate Summary

SW-846

SDG No.: BP083024

Client: \_\_\_\_\_

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| PB163042BS    | PB163042BS | BP021754.D | Bis(2-Chloroethyl)ether-d8    | 40             | 23.88           | 60           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 24.39           | 61           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 23.60           | 59           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 26.05           | 65           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 27.63           | 69           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 25.65           | 64           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 21.69           | 54           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 25.23           | 63           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 25.21           | 63           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 25.52           | 64           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 25.46           | 64           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 26.55           | 66           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 24.73           | 62           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 26.46           | 66           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 25.49           | 64           |      | 10         | 140  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP083024

Lab Code: CHEM

SAS No.: BP083024 SDG NO.: BP083024

Lab File ID: BP021748.D

DFTPP Injection Date: 08/30/2024

Instrument ID: BNA\_P

DFTPP Injection Time: 10:23

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 32.2                 |
| 68  | Less than 2.0% of mass 69          | 0.7 ( 1.7 ) 1        |
| 69  | Mass 69 relative abundance         | 39.6                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.3 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 47.7                 |
| 197 | Less than 2.0% of mass 198         | 0.5                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.7                  |
| 275 | 10.0 - 60.0% of mass 198           | 28.1                 |
| 365 | Greater than 1% of mass 198        | 3.8                  |
| 441 | Present, but less than mass 443    | 12.5                 |
| 442 | Greater than 50% of mass 198       | 79.9                 |
| 443 | 15.0 - 24.0% of mass 442           | 15.3 ( 19.2 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| SSTD020750        | SSTDCCC020       | BP021749.D     | 08/30/2024       | 11:05            |
| SBLK016           | PB163016BL       | BP021750.D     | 08/30/2024       | 11:46            |
| SLCS016           | PB163016BS       | BP021751.D     | 08/30/2024       | 13:27            |
| GCN88ME           | P3696-04ME       | BP021752.D     | 08/30/2024       | 14:08            |
| GCN88MEDL         | P3696-04MEDL     | BP021753.D     | 08/30/2024       | 14:50            |
| SLCS042           | PB163042BS       | BP021754.D     | 08/30/2024       | 15:34            |
| SSTD020751        | SSTDCCC020       | BP021755.D     | 08/30/2024       | 16:17            |
| SBLK016           | PB163016BL       | BP021756.D     | 08/30/2024       | 17:00            |
| SBLK042           | PB163042BL       | BP021757.D     | 08/30/2024       | 17:43            |
| DCYL0             | P3438-02         | BP021758.D     | 08/30/2024       | 18:27            |
| DCYL1             | P3438-03         | BP021759.D     | 08/30/2024       | 19:10            |
| DCYL2             | P3438-04         | BP021760.D     | 08/30/2024       | 19:53            |
| DCYL3             | P3438-05         | BP021761.D     | 08/30/2024       | 20:36            |
| DCYL5             | P3438-09         | BP021762.D     | 08/30/2024       | 21:20            |
| DCYL6             | P3438-10         | BP021763.D     | 08/30/2024       | 22:03            |
| DCYL7             | P3438-11         | BP021764.D     | 08/30/2024       | 22:47            |
| A4498             | P3733-04         | BP021765.D     | 08/30/2024       | 23:31            |
| A44A0             | P3733-06         | BP021766.D     | 08/31/2024       | 00:15            |



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP083024

Lab Code: CHEM

SAS No.: BP083024

SDG NO.: BP083024

Lab File ID: BP021748.D

DFTPP Injection Date: 08/30/2024

Instrument ID: BNA\_P

DFTPP Injection Time: 10:23

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 32.2                 |
| 68  | Less than 2.0% of mass 69          | 0.7 ( 1.7 ) 1        |
| 69  | Mass 69 relative abundance         | 39.6                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.3 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 47.7                 |
| 197 | Less than 2.0% of mass 198         | 0.5                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.7                  |
| 275 | 10.0 - 60.0% of mass 198           | 28.1                 |
| 365 | Greater than 1% of mass 198        | 3.8                  |
| 441 | Present, but less than mass 443    | 12.5                 |
| 442 | Greater than 50% of mass 198       | 79.9                 |
| 443 | 15.0 - 24.0% of mass 442           | 15.3 ( 19.2 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| A4499             | P3733-05         | BP021767.D     | 08/31/2024       | 00:59            |
| SLCS036           | PB163036BS       | BP021768.D     | 08/31/2024       | 01:43            |
| SSTD020752        | SSTDCCC020       | BP021769.D     | 08/31/2024       | 03:11            |
| SBLK036           | PB163036BL       | BP021770.D     | 08/31/2024       | 03:55            |
| A4497             | P3733-03         | BP021771.D     | 08/31/2024       | 04:38            |
| A44A5             | P3733-13         | BP021772.D     | 08/31/2024       | 05:22            |
| A4495             | P3733-01         | BP021773.D     | 08/31/2024       | 06:06            |
| A44A1             | P3733-07         | BP021774.D     | 08/31/2024       | 06:49            |