

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG No.: BM100724

Instrument ID: BNA\_M Calibration Date/Time: 10/7/2024 1:10:00

Lab File ID: BM047879.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020165 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.676 | 0.521  | 0.010   | -22.9313 | 40.0  |
| Benzaldehyde                | 1.028 | 0.856  | 0.010   | -16.8102 | 40.0  |
| Pyridine                    | 1.908 | 1.478  | 0.010   | -22.5473 | 40.0  |
| Phenol                      | 2.012 | 1.671  | 0.080   | -16.9632 | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.603 | 1.360  | 0.100   | -15.1605 | 20.0  |
| 2-Chlorophenol              | 1.458 | 1.379  | 0.200   | -5.392   | 20.0  |
| 2-Methylphenol              | 1.403 | 1.277  | 0.010   | -8.9552  | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 3.018 | 2.030  | 0.010   | -32.7512 | 40.0  |
| Acetophenone                | 2.406 | 2.068  | 0.060   | -14.0627 | 20.0  |
| 4-Methylphenol              | 1.577 | 1.384  | 0.010   | -12.2088 | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.274 | 1.041  | 0.050   | -18.3158 | 30.0  |
| Hexachloroethane            | 0.655 | 0.589  | 0.100   | -10.0413 | 20.0  |
| Nitrobenzene                | 0.452 | 0.376  | 0.050   | -16.8791 | 25.0  |
| Isophorone                  | 0.809 | 0.717  | 0.050   | -11.3782 | 25.0  |
| 2-Nitrophenol               | 0.175 | 0.185  | 0.050   | 5.7762   | 25.0  |
| 2,4-Dimethylphenol          | 0.374 | 0.349  | 0.050   | -6.6448  | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.495 | 0.441  | 0.050   | -10.9537 | 20.0  |
| 2,4-Dichlorophenol          | 0.315 | 0.316  | 0.060   | 0.4284   | 20.0  |
| Naphthalene                 | 1.150 | 1.085  | 0.200   | -5.7202  | 20.0  |
| 4-Chloroaniline             | 0.464 | 0.424  | 0.010   | -8.5891  | 40.0  |
| Hexachlorobutadiene         | 0.208 | 0.206  | 0.040   | -0.8278  | 30.0  |
| Caprolactam                 | 0.101 | 0.098  | 0.010   | -2.3931  | 40.0  |
| 4-Chloro-3-methylphenol     | 0.326 | 0.320  | 0.040   | -1.8392  | 25.0  |
| 1-Methylnaphthalene         | 0.744 | 0.737  | 0.100   | -0.9028  | 20.0  |
| 2-Methylnaphthalene         | 0.731 | 0.713  | 0.100   | -2.4929  | 20.0  |
| Hexachlorocyclopentadiene   | 0.394 | 0.335  | 0.010   | -15.0494 | 40.0  |
| 2,4,6-Trichlorophenol       | 0.377 | 0.400  | 0.090   | 6.1412   | 25.0  |
| 2,4,5-Trichlorophenol       | 0.412 | 0.420  | 0.100   | 1.9357   | 25.0  |
| 1,1-Biphenyl                | 1.601 | 1.488  | 0.200   | -7.0465  | 20.0  |
| 2-Chloronaphthalene         | 1.238 | 1.172  | 0.300   | -5.3516  | 20.0  |
| 2-Nitroaniline              | 0.393 | 0.324  | 0.050   | -17.5734 | 40.0  |
| Dimethylphthalate           | 1.468 | 1.427  | 0.300   | -2.8312  | 20.0  |
| 2,6-Dinitrotoluene          | 0.258 | 0.276  | 0.080   | 7.0483   | 30.0  |
| Acenaphthylene              | 1.939 | 1.935  | 0.400   | -0.2148  | 20.0  |
| 3-Nitroaniline              | 0.312 | 0.293  | 0.010   | -6.0045  | 40.0  |
| Acenaphthene                | 1.371 | 1.265  | 0.200   | -7.6856  | 20.0  |
| 2,4-Dinitrophenol           | 0.159 | 0.130  | 0.010   | -18.3273 | 40.0  |
| 4-Nitrophenol               | 0.242 | 0.198  | 0.010   | -18.2715 | 40.0  |
| Dibenzofuran                | 1.845 | 1.723  | 0.300   | -6.6216  | 20.0  |

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

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Instrument ID: BNA\_M Calibration Date/Time: 10/7/2024 1:10:00

Lab File ID: BM047879.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020165 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| 2,4-Dinitrotoluene            | 0.387 | 0.404  | 0.070      | 4.1836   | 30.0  |
| Diethylphthalate              | 1.469 | 1.428  | 0.300      | -2.8362  | 20.0  |
| Fluorene                      | 1.539 | 1.409  | 0.200      | -8.4258  | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.727 | 0.699  | 0.100      | -3.8484  | 20.0  |
| 4-Nitroaniline                | 0.303 | 0.291  | 0.010      | -4.146   | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.130 | 0.116  | 0.010      | -10.198  | 40.0  |
| N-Nitrosodiphenylamine        | 0.623 | 0.578  | 0.050      | -7.3128  | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.651 | 0.620  | 0.100      | -4.7212  | 20.0  |
| 4-Bromophenyl-phenylether     | 0.206 | 0.211  | 0.070      | 2.5322   | 20.0  |
| Hexachlorobenzene             | 0.240 | 0.246  | 0.050      | 2.6323   | 25.0  |
| Atrazine                      | 0.207 | 0.178  | 0.010      | -14.0547 | 25.0  |
| Pentachlorophenol             | 0.153 | 0.155  | 0.010      | 1.4532   | 40.0  |
| Phenanthrene                  | 1.173 | 1.086  | 0.200      | -7.3973  | 20.0  |
| Pentachlorobenzene            | 0.323 | 0.297  | 0.050      | -8.0669  | 20.0  |
| Anthracene                    | 1.196 | 1.112  | 0.200      | -7.0263  | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.331 | 0.297  | 0.050      | -10.207  | 20.0  |
| Carbazole                     | 1.084 | 1.002  | 0.050      | -7.5763  | 40.0  |
| Di-n-butylphthalate           | 1.207 | 1.219  | 0.500      | 0.9662   | 25.0  |
| Fluoranthene                  | 1.337 | 1.368  | 0.400      | 2.3025   | 25.0  |
| Pyrene                        | 1.488 | 1.430  | 0.400      | -3.8737  | 25.0  |
| Butylbenzylphthalate          | 0.526 | 0.600  | 0.100      | 14.0912  | 40.0  |
| 3,3-Dichlorobenzidine         | 0.423 | 0.438  | 0.010      | 3.539    | 40.0  |
| Benzo (a) anthracene          | 1.400 | 1.381  | 0.300      | -1.3778  | 30.0  |
| Chrysene                      | 1.365 | 1.296  | 0.200      | -5.0772  | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.790 | 0.884  | 0.200      | 11.9906  | 40.0  |
| Di-n-octyl phthalate          | 1.290 | 1.351  | 0.010      | 4.7049   | 40.0  |
| Benzo (b) fluoranthene        | 1.247 | 1.194  | 0.200      | -4.2362  | 25.0  |
| Benzo (k) fluoranthene        | 1.275 | 1.210  | 0.200      | -5.124   | 25.0  |
| Benzo (a) pyrene              | 1.185 | 1.147  | 0.200      | -3.1501  | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.518 | 1.389  | 0.200      | -8.506   | 25.0  |
| Dibenzo (a,h) anthracene      | 1.244 | 1.154  | 0.200      | -7.2045  | 30.0  |
| Benzo (g,h,i) perylene        | 1.189 | 1.129  | 0.200      | -5.1148  | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.325 | 0.358  | 0.040      | 10.1654  | 20.0  |
| 1,4-Dioxane-d8                | 0.619 | 0.477  | 0.010      | -22.8458 | 25.0  |
| Pyridine-d5                   | 1.812 | 1.418  | 0.010      | -21.7668 | 40.0  |
| Phenol-d5                     | 1.891 | 1.659  | 0.010      | -12.2804 | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.342 | 1.006  | 0.050      | -25.0287 | 25.0  |
| 2-Chlorophenol-d4             | 1.376 | 1.379  | 0.200      | 0.2154   | 20.0  |
| 4-Methylphenol-d8             | 1.406 | 1.298  | 0.010      | -7.6918  | 20.0  |

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EPA Sample No.: SSTD020165 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.159 | 0.163  | 0.050      | 2.1014   | 20.0  |
| 2-Nitrophenol-d4              | 0.153 | 0.174  | 0.050      | 14.1244  | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.305 | 0.322  | 0.060      | 5.6868   | 20.0  |
| 4-Chloroaniline-d4            | 0.471 | 0.450  | 0.010      | -4.6177  | 40.0  |
| Dimethylphthalate-d6          | 1.450 | 1.410  | 0.300      | -2.7881  | 20.0  |
| Acenaphthylene-d8             | 1.719 | 1.677  | 0.400      | -2.4297  | 20.0  |
| 4-Nitrophenol-d4              | 0.289 | 0.266  | 0.010      | -7.8687  | 40.0  |
| Fluorene-d10                  | 1.256 | 1.208  | 0.100      | -3.8231  | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.117 | 0.105  | 0.010      | -10.3618 | 40.0  |
| Anthracene-d10                | 0.983 | 0.927  | 0.300      | -5.7202  | 20.0  |
| Pyrene-d10                    | 1.135 | 1.157  | 0.300      | 1.9547   | 25.0  |
| Benzo(a)pyrene-d12            | 1.038 | 0.997  | 0.010      | -3.902   | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

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Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG No.: BM100724

Instrument ID: BNA\_M Calibration Date/Time: 10/7/2024 1:17:06

Lab File ID: BM047887.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020166 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.676 | 0.548  | 0.010   | -18.8852 | 40.0  |
| Pyridine                    | 1.908 | 1.493  | 0.010   | -21.7526 | 40.0  |
| Benzaldehyde                | 1.028 | 0.879  | 0.010   | -14.5186 | 40.0  |
| Phenol                      | 2.012 | 1.650  | 0.080   | -17.9844 | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.603 | 1.334  | 0.100   | -16.7776 | 20.0  |
| 2-Chlorophenol              | 1.458 | 1.392  | 0.200   | -4.5243  | 20.0  |
| 2-Methylphenol              | 1.403 | 1.257  | 0.010   | -10.4163 | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 3.018 | 2.003  | 0.010   | -33.6461 | 40.0  |
| Acetophenone                | 2.406 | 2.034  | 0.060   | -15.439  | 20.0  |
| 4-Methylphenol              | 1.577 | 1.355  | 0.010   | -14.0371 | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.274 | 1.012  | 0.050   | -20.5804 | 30.0  |
| Hexachloroethane            | 0.655 | 0.598  | 0.100   | -8.7419  | 20.0  |
| Nitrobenzene                | 0.452 | 0.374  | 0.050   | -17.2813 | 25.0  |
| Isophorone                  | 0.809 | 0.712  | 0.050   | -12.002  | 25.0  |
| 2-Nitrophenol               | 0.175 | 0.181  | 0.050   | 3.5741   | 25.0  |
| 2,4-Dimethylphenol          | 0.374 | 0.351  | 0.050   | -6.1274  | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.495 | 0.434  | 0.050   | -12.3737 | 20.0  |
| 2,4-Dichlorophenol          | 0.315 | 0.320  | 0.060   | 1.5269   | 20.0  |
| Naphthalene                 | 1.150 | 1.083  | 0.200   | -5.8654  | 20.0  |
| 4-Chloroaniline             | 0.464 | 0.417  | 0.010   | -10.0669 | 40.0  |
| Hexachlorobutadiene         | 0.208 | 0.206  | 0.040   | -1.102   | 30.0  |
| Caprolactam                 | 0.101 | 0.098  | 0.010   | -2.3689  | 40.0  |
| 4-Chloro-3-methylphenol     | 0.326 | 0.320  | 0.040   | -1.7315  | 25.0  |
| 1-Methylnaphthalene         | 0.744 | 0.733  | 0.100   | -1.384   | 20.0  |
| 2-Methylnaphthalene         | 0.731 | 0.708  | 0.100   | -3.0993  | 20.0  |
| Hexachlorocyclopentadiene   | 0.394 | 0.303  | 0.010   | -22.9924 | 40.0  |
| 2,4,6-Trichlorophenol       | 0.377 | 0.399  | 0.090   | 6.0235   | 25.0  |
| 2,4,5-Trichlorophenol       | 0.412 | 0.424  | 0.100   | 2.9258   | 25.0  |
| 1,1-Biphenyl                | 1.601 | 1.480  | 0.200   | -7.6021  | 20.0  |
| 2-Chloronaphthalene         | 1.238 | 1.181  | 0.300   | -4.6644  | 20.0  |
| 2-Nitroaniline              | 0.393 | 0.314  | 0.050   | -20.2308 | 40.0  |
| Dimethylphthalate           | 1.468 | 1.410  | 0.300   | -3.9847  | 20.0  |
| 2,6-Dinitrotoluene          | 0.258 | 0.270  | 0.080   | 4.6847   | 30.0  |
| Acenaphthylene              | 1.939 | 1.930  | 0.400   | -0.4655  | 20.0  |
| 3-Nitroaniline              | 0.312 | 0.300  | 0.010   | -3.9802  | 40.0  |
| Acenaphthene                | 1.371 | 1.254  | 0.200   | -8.5328  | 20.0  |
| 2,4-Dinitrophenol           | 0.159 | 0.121  | 0.010   | -24.29   | 40.0  |
| 4-Nitrophenol               | 0.242 | 0.199  | 0.010   | -18.0946 | 40.0  |
| Dibenzofuran                | 1.845 | 1.728  | 0.300   | -6.3578  | 20.0  |

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Instrument ID: BNA\_M Calibration Date/Time: 10/7/2024 1:17:06

Lab File ID: BM047887.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020166 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-------------------------------|-------|--------|---------|----------|-------|
| 2,4-Dinitrotoluene            | 0.387 | 0.398  | 0.070   | 2.7104   | 30.0  |
| Diethylphthalate              | 1.469 | 1.421  | 0.300   | -3.2709  | 20.0  |
| Fluorene                      | 1.539 | 1.422  | 0.200   | -7.625   | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.727 | 0.694  | 0.100   | -4.5906  | 20.0  |
| 4-Nitroaniline                | 0.303 | 0.320  | 0.010   | 5.5614   | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.130 | 0.107  | 0.010   | -17.3425 | 40.0  |
| N-Nitrosodiphenylamine        | 0.623 | 0.580  | 0.050   | -6.96    | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.651 | 0.617  | 0.100   | -5.2635  | 20.0  |
| 4-Bromophenyl-phenylether     | 0.206 | 0.210  | 0.070   | 1.6341   | 20.0  |
| Hexachlorobenzene             | 0.240 | 0.249  | 0.050   | 3.6164   | 25.0  |
| Atrazine                      | 0.207 | 0.180  | 0.010   | -13.1065 | 25.0  |
| Pentachlorophenol             | 0.153 | 0.157  | 0.010   | 2.7882   | 40.0  |
| Phenanthrene                  | 1.173 | 1.094  | 0.200   | -6.7185  | 20.0  |
| Pentachlorobenzene            | 0.323 | 0.296  | 0.050   | -8.3434  | 20.0  |
| Anthracene                    | 1.196 | 1.133  | 0.200   | -5.2488  | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.331 | 0.295  | 0.050   | -10.8573 | 20.0  |
| Carbazole                     | 1.084 | 1.015  | 0.050   | -6.4165  | 40.0  |
| Di-n-butylphthalate           | 1.207 | 1.226  | 0.500   | 1.5677   | 25.0  |
| Fluoranthene                  | 1.337 | 1.359  | 0.400   | 1.6426   | 25.0  |
| Pyrene                        | 1.488 | 1.429  | 0.400   | -3.9923  | 25.0  |
| Butylbenzylphthalate          | 0.526 | 0.611  | 0.100   | 16.0682  | 40.0  |
| 3,3-Dichlorobenzidine         | 0.423 | 0.415  | 0.010   | -1.7615  | 40.0  |
| Benzo (a) anthracene          | 1.400 | 1.394  | 0.300   | -0.4508  | 30.0  |
| Chrysene                      | 1.365 | 1.296  | 0.200   | -5.039   | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.790 | 0.896  | 0.200   | 13.431   | 40.0  |
| Di-n-octyl phthalate          | 1.290 | 1.386  | 0.010   | 7.4398   | 40.0  |
| Benzo (b) fluoranthene        | 1.247 | 1.210  | 0.200   | -2.9559  | 25.0  |
| Benzo (k) fluoranthene        | 1.275 | 1.211  | 0.200   | -5.0204  | 25.0  |
| Benzo (a) pyrene              | 1.185 | 1.145  | 0.200   | -3.2992  | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.518 | 1.395  | 0.200   | -8.1032  | 25.0  |
| Dibenzo (a,h) anthracene      | 1.244 | 1.162  | 0.200   | -6.6253  | 30.0  |
| Benzo (g,h,i) perylene        | 1.189 | 1.137  | 0.200   | -4.3731  | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.325 | 0.360  | 0.040   | 10.9403  | 20.0  |
| 1,4-Dioxane-d8                | 0.619 | 0.498  | 0.010   | -19.5326 | 25.0  |
| Pyridine-d5                   | 1.812 | 1.438  | 0.010   | -20.6366 | 40.0  |
| Phenol-d5                     | 1.891 | 1.632  | 0.010   | -13.6853 | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.342 | 1.000  | 0.050   | -25.5008 | 25.0  |
| 2-Chlorophenol-d4             | 1.376 | 1.383  | 0.200   | 0.4816   | 20.0  |
| 4-Methylphenol-d8             | 1.406 | 1.282  | 0.010   | -8.7958  | 20.0  |

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 Instrument ID: BNA\_M Calibration Date/Time: 10/7/2024 1:17:06  
 Lab File ID: BM047887.D Init. Calib. Date(s): \_\_\_\_\_  
 EPA Sample No.: SSTD020166 Init. Calib. Time(s): \_\_\_\_\_  
 GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-------------------------------|-------|--------|------------|---------|-------|
| Nitrobenzene-d5               | 0.159 | 0.161  | 0.050      | 0.9379  | 20.0  |
| 2-Nitrophenol-d4              | 0.153 | 0.171  | 0.050      | 12.1734 | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.305 | 0.324  | 0.060      | 6.3326  | 20.0  |
| 4-Chloroaniline-d4            | 0.471 | 0.443  | 0.010      | -6.0822 | 40.0  |
| Dimethylphthalate-d6          | 1.450 | 1.394  | 0.300      | -3.8413 | 20.0  |
| Acenaphthylene-d8             | 1.719 | 1.666  | 0.400      | -3.1084 | 20.0  |
| 4-Nitrophenol-d4              | 0.289 | 0.269  | 0.010      | -6.6836 | 40.0  |
| Fluorene-d10                  | 1.256 | 1.226  | 0.100      | -2.3877 | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.117 | 0.099  | 0.010      | -15.442 | 40.0  |
| Anthracene-d10                | 0.983 | 0.941  | 0.300      | -4.3295 | 20.0  |
| Pyrene-d10                    | 1.135 | 1.144  | 0.300      | 0.8026  | 25.0  |
| Benzo(a)pyrene-d12            | 1.038 | 0.999  | 0.010      | -3.7336 | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

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Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG No.: BM100724

Instrument ID: BNA\_M Calibration Date/Time: 10/8/2024 1:03:38

Lab File ID: BM047902.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020167 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.676 | 0.545  | 0.010   | -19.3862 | 40.0  |
| Benzaldehyde                | 1.028 | 0.893  | 0.010   | -13.1929 | 40.0  |
| Pyridine                    | 1.908 | 1.506  | 0.010   | -21.0363 | 40.0  |
| Phenol                      | 2.012 | 1.666  | 0.080   | -17.2106 | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.603 | 1.362  | 0.100   | -15.0829 | 20.0  |
| 2-Chlorophenol              | 1.458 | 1.388  | 0.200   | -4.8068  | 20.0  |
| 2-Methylphenol              | 1.403 | 1.269  | 0.010   | -9.5381  | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 3.018 | 2.004  | 0.010   | -33.6233 | 40.0  |
| Acetophenone                | 2.406 | 2.060  | 0.060   | -14.383  | 20.0  |
| 4-Methylphenol              | 1.577 | 1.374  | 0.010   | -12.8747 | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.274 | 1.039  | 0.050   | -18.4346 | 30.0  |
| Hexachloroethane            | 0.655 | 0.593  | 0.100   | -9.4788  | 20.0  |
| Nitrobenzene                | 0.452 | 0.376  | 0.050   | -16.7809 | 25.0  |
| Isophorone                  | 0.809 | 0.710  | 0.050   | -12.2661 | 25.0  |
| 2-Nitrophenol               | 0.175 | 0.183  | 0.050   | 4.8995   | 25.0  |
| 2,4-Dimethylphenol          | 0.374 | 0.351  | 0.050   | -6.189   | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.495 | 0.435  | 0.050   | -12.0871 | 20.0  |
| 2,4-Dichlorophenol          | 0.315 | 0.319  | 0.060   | 1.3687   | 20.0  |
| Naphthalene                 | 1.150 | 1.079  | 0.200   | -6.2472  | 20.0  |
| 4-Chloroaniline             | 0.464 | 0.421  | 0.010   | -9.346   | 40.0  |
| Hexachlorobutadiene         | 0.208 | 0.207  | 0.040   | -0.5432  | 30.0  |
| Caprolactam                 | 0.101 | 0.095  | 0.010   | -6.1182  | 40.0  |
| 4-Chloro-3-methylphenol     | 0.326 | 0.321  | 0.040   | -1.3385  | 25.0  |
| 1-Methylnaphthalene         | 0.744 | 0.739  | 0.100   | -0.5924  | 20.0  |
| 2-Methylnaphthalene         | 0.731 | 0.706  | 0.100   | -3.3564  | 20.0  |
| Hexachlorocyclopentadiene   | 0.394 | 0.367  | 0.010   | -6.7282  | 40.0  |
| 2,4,6-Trichlorophenol       | 0.377 | 0.400  | 0.090   | 6.2941   | 25.0  |
| 2,4,5-Trichlorophenol       | 0.412 | 0.426  | 0.100   | 3.3701   | 25.0  |
| 1,1-Biphenyl                | 1.601 | 1.488  | 0.200   | -7.0695  | 20.0  |
| 2-Chloronaphthalene         | 1.238 | 1.177  | 0.300   | -4.9973  | 20.0  |
| 2-Nitroaniline              | 0.393 | 0.322  | 0.050   | -18.1828 | 40.0  |
| Dimethylphthalate           | 1.468 | 1.423  | 0.300   | -3.0647  | 20.0  |
| 2,6-Dinitrotoluene          | 0.258 | 0.274  | 0.080   | 6.2624   | 30.0  |
| Acenaphthylene              | 1.939 | 1.942  | 0.400   | 0.1408   | 20.0  |
| 3-Nitroaniline              | 0.312 | 0.304  | 0.010   | -2.7211  | 40.0  |
| Acenaphthene                | 1.371 | 1.266  | 0.200   | -7.6117  | 20.0  |
| 2,4-Dinitrophenol           | 0.159 | 0.162  | 0.010   | 1.8098   | 40.0  |
| 4-Nitrophenol               | 0.242 | 0.200  | 0.010   | -17.5373 | 40.0  |
| Dibenzofuran                | 1.845 | 1.736  | 0.300   | -5.9284  | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG No.: BM100724

Instrument ID: BNA\_M Calibration Date/Time: 10/8/2024 1:03:38

Lab File ID: BM047902.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020167 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-------------------------------|-------|--------|---------|----------|-------|
| 2,4-Dinitrotoluene            | 0.387 | 0.405  | 0.070   | 4.5355   | 30.0  |
| Diethylphthalate              | 1.469 | 1.412  | 0.300   | -3.8768  | 20.0  |
| Fluorene                      | 1.539 | 1.419  | 0.200   | -7.7774  | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.727 | 0.696  | 0.100   | -4.3549  | 20.0  |
| 4-Nitroaniline                | 0.303 | 0.318  | 0.010   | 4.8512   | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.130 | 0.115  | 0.010   | -11.5137 | 40.0  |
| N-Nitrosodiphenylamine        | 0.623 | 0.587  | 0.050   | -5.8454  | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.651 | 0.617  | 0.100   | -5.253   | 20.0  |
| 4-Bromophenyl-phenylether     | 0.206 | 0.214  | 0.070   | 3.8529   | 20.0  |
| Hexachlorobenzene             | 0.240 | 0.249  | 0.050   | 3.9293   | 25.0  |
| Atrazine                      | 0.207 | 0.182  | 0.010   | -12.1669 | 25.0  |
| Pentachlorophenol             | 0.153 | 0.156  | 0.010   | 2.2521   | 40.0  |
| Phenanthrene                  | 1.173 | 1.104  | 0.200   | -5.8769  | 20.0  |
| Pentachlorobenzene            | 0.323 | 0.300  | 0.050   | -7.1012  | 20.0  |
| Anthracene                    | 1.196 | 1.125  | 0.200   | -5.9353  | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.331 | 0.306  | 0.050   | -7.5308  | 20.0  |
| Carbazole                     | 1.084 | 1.006  | 0.050   | -7.2053  | 40.0  |
| Di-n-butylphthalate           | 1.207 | 1.218  | 0.500   | 0.891    | 25.0  |
| Fluoranthene                  | 1.337 | 1.365  | 0.400   | 2.0892   | 25.0  |
| Pyrene                        | 1.488 | 1.425  | 0.400   | -4.26    | 25.0  |
| Butylbenzylphthalate          | 0.526 | 0.592  | 0.100   | 12.4797  | 40.0  |
| 3,3-Dichlorobenzidine         | 0.423 | 0.409  | 0.010   | -3.2436  | 40.0  |
| Benzo (a) anthracene          | 1.400 | 1.383  | 0.300   | -1.2396  | 30.0  |
| Chrysene                      | 1.365 | 1.289  | 0.200   | -5.6075  | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.790 | 0.875  | 0.200   | 10.7591  | 40.0  |
| Di-n-octyl phthalate          | 1.290 | 1.352  | 0.010   | 4.8236   | 40.0  |
| Benzo (b) fluoranthene        | 1.247 | 1.207  | 0.200   | -3.2106  | 25.0  |
| Benzo (k) fluoranthene        | 1.275 | 1.211  | 0.200   | -5.067   | 25.0  |
| Benzo (a) pyrene              | 1.185 | 1.149  | 0.200   | -3.0018  | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.518 | 1.396  | 0.200   | -8.0237  | 25.0  |
| Dibenzo (a,h) anthracene      | 1.244 | 1.176  | 0.200   | -5.4293  | 30.0  |
| Benzo (g,h,i) perylene        | 1.189 | 1.131  | 0.200   | -4.9399  | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.325 | 0.359  | 0.040   | 10.6544  | 20.0  |
| 1,4-Dioxane-d8                | 0.619 | 0.491  | 0.010   | -20.7153 | 25.0  |
| Pyridine-d5                   | 1.812 | 1.444  | 0.010   | -20.3064 | 40.0  |
| Phenol-d5                     | 1.891 | 1.627  | 0.010   | -13.9519 | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.342 | 0.995  | 0.050   | -25.8281 | 25.0  |
| 2-Chlorophenol-d4             | 1.376 | 1.376  | 0.200   | 0.003    | 20.0  |
| 4-Methylphenol-d8             | 1.406 | 1.304  | 0.010   | -7.2445  | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG No.: BM100724

Instrument ID: BNA\_M Calibration Date/Time: 10/8/2024 1:03:38

Lab File ID: BM047902.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020167 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.159 | 0.160  | 0.050      | 0.4325   | 20.0  |
| 2-Nitrophenol-d4              | 0.153 | 0.172  | 0.050      | 12.7395  | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.305 | 0.327  | 0.060      | 7.4299   | 20.0  |
| 4-Chloroaniline-d4            | 0.471 | 0.440  | 0.010      | -6.552   | 40.0  |
| Dimethylphthalate-d6          | 1.450 | 1.408  | 0.300      | -2.9059  | 20.0  |
| Acenaphthylene-d8             | 1.719 | 1.677  | 0.400      | -2.4629  | 20.0  |
| 4-Nitrophenol-d4              | 0.289 | 0.269  | 0.010      | -6.8159  | 40.0  |
| Fluorene-d10                  | 1.256 | 1.221  | 0.100      | -2.7982  | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.117 | 0.105  | 0.010      | -10.0027 | 40.0  |
| Anthracene-d10                | 0.983 | 0.937  | 0.300      | -4.7642  | 20.0  |
| Pyrene-d10                    | 1.135 | 1.146  | 0.300      | 0.9654   | 25.0  |
| Benzo(a)pyrene-d12            | 1.038 | 0.996  | 0.010      | -4.048   | 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.: BM100724 SAS No.: BM100724 SDG No.: BM100724  
Instrument ID: BNA\_M Calibration Date/Time: 10/8/2024 1:10:52  
Lab File ID: BM047912.D Init. Calib. Date(s): \_\_\_\_\_  
EPA Sample No.: SSTD020168 Init. Calib. Time(s): \_\_\_\_\_  
GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.676 | 0.543  | 0.010   | -19.6997 | 40.0  |
| Benzaldehyde                | 1.028 | 0.898  | 0.010   | -12.6467 | 40.0  |
| Pyridine                    | 1.908 | 1.502  | 0.010   | -21.2464 | 40.0  |
| Phenol                      | 2.012 | 1.665  | 0.080   | -17.2601 | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.603 | 1.361  | 0.100   | -15.1298 | 20.0  |
| 2-Chlorophenol              | 1.458 | 1.387  | 0.200   | -4.8705  | 20.0  |
| 2-Methylphenol              | 1.403 | 1.267  | 0.010   | -9.7026  | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 3.018 | 2.050  | 0.010   | -32.0987 | 40.0  |
| Acetophenone                | 2.406 | 2.067  | 0.060   | -14.0805 | 20.0  |
| 4-Methylphenol              | 1.577 | 1.375  | 0.010   | -12.785  | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.274 | 1.049  | 0.050   | -17.6612 | 30.0  |
| Hexachloroethane            | 0.655 | 0.595  | 0.100   | -9.1451  | 20.0  |
| Nitrobenzene                | 0.452 | 0.375  | 0.050   | -17.1467 | 25.0  |
| Isophorone                  | 0.809 | 0.711  | 0.050   | -12.1749 | 25.0  |
| 2-Nitrophenol               | 0.175 | 0.183  | 0.050   | 4.8253   | 25.0  |
| 2,4-Dimethylphenol          | 0.374 | 0.343  | 0.050   | -8.2191  | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.495 | 0.441  | 0.050   | -10.9207 | 20.0  |
| 2,4-Dichlorophenol          | 0.315 | 0.320  | 0.060   | 1.6128   | 20.0  |
| Naphthalene                 | 1.150 | 1.079  | 0.200   | -6.182   | 20.0  |
| 4-Chloroaniline             | 0.464 | 0.420  | 0.010   | -9.5621  | 40.0  |
| Hexachlorobutadiene         | 0.208 | 0.206  | 0.040   | -1.0103  | 30.0  |
| Caprolactam                 | 0.101 | 0.095  | 0.010   | -5.4889  | 40.0  |
| 4-Chloro-3-methylphenol     | 0.326 | 0.314  | 0.040   | -3.546   | 25.0  |
| 1-Methylnaphthalene         | 0.744 | 0.733  | 0.100   | -1.4423  | 20.0  |
| 2-Methylnaphthalene         | 0.731 | 0.710  | 0.100   | -2.807   | 20.0  |
| Hexachlorocyclopentadiene   | 0.394 | 0.382  | 0.010   | -3.0408  | 40.0  |
| 2,4,6-Trichlorophenol       | 0.377 | 0.395  | 0.090   | 4.9842   | 25.0  |
| 2,4,5-Trichlorophenol       | 0.412 | 0.420  | 0.100   | 1.891    | 25.0  |
| 1,1-Biphenyl                | 1.601 | 1.492  | 0.200   | -6.8078  | 20.0  |
| 2-Chloronaphthalene         | 1.238 | 1.173  | 0.300   | -5.2637  | 20.0  |
| 2-Nitroaniline              | 0.393 | 0.321  | 0.050   | -18.2628 | 40.0  |
| Dimethylphthalate           | 1.468 | 1.412  | 0.300   | -3.815   | 20.0  |
| 2,6-Dinitrotoluene          | 0.258 | 0.272  | 0.080   | 5.4449   | 30.0  |
| Acenaphthylene              | 1.939 | 1.928  | 0.400   | -0.5764  | 20.0  |
| 3-Nitroaniline              | 0.312 | 0.298  | 0.010   | -4.5139  | 40.0  |
| Acenaphthene                | 1.371 | 1.266  | 0.200   | -7.6195  | 20.0  |
| 2,4-Dinitrophenol           | 0.159 | 0.161  | 0.010   | 1.1871   | 40.0  |
| 4-Nitrophenol               | 0.242 | 0.197  | 0.010   | -18.5388 | 40.0  |
| Dibenzofuran                | 1.845 | 1.727  | 0.300   | -6.3669  | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG No.: BM100724

Instrument ID: BNA\_M Calibration Date/Time: 10/8/2024 1:10:52

Lab File ID: BM047912.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020168 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| 2,4-Dinitrotoluene            | 0.387 | 0.394  | 0.070      | 1.7855   | 30.0  |
| Diethylphthalate              | 1.469 | 1.425  | 0.300      | -3.0441  | 20.0  |
| Fluorene                      | 1.539 | 1.420  | 0.200      | -7.7723  | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.727 | 0.697  | 0.100      | -4.1475  | 20.0  |
| 4-Nitroaniline                | 0.303 | 0.316  | 0.010      | 4.3493   | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.130 | 0.115  | 0.010      | -11.3428 | 40.0  |
| N-Nitrosodiphenylamine        | 0.623 | 0.586  | 0.050      | -5.9877  | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.651 | 0.618  | 0.100      | -5.0433  | 20.0  |
| 4-Bromophenyl-phenylether     | 0.206 | 0.210  | 0.070      | 1.9112   | 20.0  |
| Hexachlorobenzene             | 0.240 | 0.243  | 0.050      | 1.4654   | 25.0  |
| Atrazine                      | 0.207 | 0.183  | 0.010      | -11.7622 | 25.0  |
| Pentachlorophenol             | 0.153 | 0.155  | 0.010      | 1.8086   | 40.0  |
| Phenanthrene                  | 1.173 | 1.098  | 0.200      | -6.3805  | 20.0  |
| Pentachlorobenzene            | 0.323 | 0.297  | 0.050      | -8.1113  | 20.0  |
| Anthracene                    | 1.196 | 1.135  | 0.200      | -5.1219  | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.331 | 0.304  | 0.050      | -8.2171  | 20.0  |
| Carbazole                     | 1.084 | 1.017  | 0.050      | -6.1787  | 40.0  |
| Di-n-butylphthalate           | 1.207 | 1.241  | 0.500      | 2.8296   | 25.0  |
| Fluoranthene                  | 1.337 | 1.375  | 0.400      | 2.8438   | 25.0  |
| Pyrene                        | 1.488 | 1.447  | 0.400      | -2.7748  | 25.0  |
| Butylbenzylphthalate          | 0.526 | 0.580  | 0.100      | 10.3153  | 40.0  |
| 3,3-Dichlorobenzidine         | 0.423 | 0.384  | 0.010      | -9.1892  | 40.0  |
| Benzo (a) anthracene          | 1.400 | 1.388  | 0.300      | -0.8599  | 30.0  |
| Chrysene                      | 1.365 | 1.290  | 0.200      | -5.4843  | 30.0  |
| Bis (2-ethylhexyl) phthalate  | 0.790 | 0.866  | 0.200      | 9.695    | 40.0  |
| Di-n-octyl phthalate          | 1.290 | 1.319  | 0.010      | 2.2768   | 40.0  |
| Benzo (b) fluoranthene        | 1.247 | 1.206  | 0.200      | -3.31    | 25.0  |
| Benzo (k) fluoranthene        | 1.275 | 1.221  | 0.200      | -4.2621  | 25.0  |
| Benzo (a) pyrene              | 1.185 | 1.141  | 0.200      | -3.6408  | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.518 | 1.386  | 0.200      | -8.694   | 25.0  |
| Dibenzo (a,h) anthracene      | 1.244 | 1.152  | 0.200      | -7.3655  | 30.0  |
| Benzo (g,h,i) perylene        | 1.189 | 1.115  | 0.200      | -6.2746  | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.325 | 0.354  | 0.040      | 8.9927   | 20.0  |
| 1,4-Dioxane-d8                | 0.619 | 0.480  | 0.010      | -22.3799 | 25.0  |
| Pyridine-d5                   | 1.812 | 1.419  | 0.010      | -21.6893 | 40.0  |
| Phenol-d5                     | 1.891 | 1.640  | 0.010      | -13.2843 | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.342 | 1.025  | 0.050      | -23.6105 | 25.0  |
| 2-Chlorophenol-d4             | 1.376 | 1.378  | 0.200      | 0.1395   | 20.0  |
| 4-Methylphenol-d8             | 1.406 | 1.297  | 0.010      | -7.7239  | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG No.: BM100724

Instrument ID: BNA\_M Calibration Date/Time: 10/8/2024 1:10:52

Lab File ID: BM047912.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020168 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.159 | 0.162  | 0.050      | 1.6574   | 20.0  |
| 2-Nitrophenol-d4              | 0.153 | 0.169  | 0.050      | 10.9595  | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.305 | 0.323  | 0.060      | 6.0325   | 20.0  |
| 4-Chloroaniline-d4            | 0.471 | 0.439  | 0.010      | -6.9521  | 40.0  |
| Dimethylphthalate-d6          | 1.450 | 1.404  | 0.300      | -3.192   | 20.0  |
| Acenaphthylene-d8             | 1.719 | 1.666  | 0.400      | -3.1096  | 20.0  |
| 4-Nitrophenol-d4              | 0.289 | 0.270  | 0.010      | -6.4507  | 40.0  |
| Fluorene-d10                  | 1.256 | 1.221  | 0.100      | -2.7899  | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.117 | 0.105  | 0.010      | -10.5722 | 40.0  |
| Anthracene-d10                | 0.983 | 0.948  | 0.300      | -3.6149  | 20.0  |
| Pyrene-d10                    | 1.135 | 1.155  | 0.300      | 1.7866   | 25.0  |
| Benzo(a)pyrene-d12            | 1.038 | 0.986  | 0.010      | -4.959   | 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.: BM100724 SAS No.: BM100724 SDG No.: BM100724  
Instrument ID: BNA\_M Calibration Date/Time: 10/8/2024 1:17:06  
Lab File ID: BM047916.D Init. Calib. Date(s): \_\_\_\_\_  
EPA Sample No.: SSTD020169 Init. Calib. Time(s): \_\_\_\_\_  
GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.676 | 0.551  | 0.010   | -18.5419 | 40.0  |
| Benzaldehyde                | 1.028 | 0.976  | 0.010   | -5.0716  | 40.0  |
| Pyridine                    | 1.908 | 1.535  | 0.010   | -19.5571 | 40.0  |
| Phenol                      | 2.012 | 1.730  | 0.080   | -14.0051 | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.603 | 1.415  | 0.100   | -11.7693 | 20.0  |
| 2-Chlorophenol              | 1.458 | 1.423  | 0.200   | -2.3888  | 20.0  |
| 2-Methylphenol              | 1.403 | 1.307  | 0.010   | -6.8459  | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 3.018 | 2.120  | 0.010   | -29.7616 | 40.0  |
| Acetophenone                | 2.406 | 2.163  | 0.060   | -10.097  | 20.0  |
| 4-Methylphenol              | 1.577 | 1.411  | 0.010   | -10.4936 | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.274 | 1.081  | 0.050   | -15.1673 | 30.0  |
| Hexachloroethane            | 0.655 | 0.599  | 0.100   | -8.5159  | 20.0  |
| Nitrobenzene                | 0.452 | 0.386  | 0.050   | -14.7014 | 25.0  |
| Isophorone                  | 0.809 | 0.727  | 0.050   | -10.1126 | 25.0  |
| 2-Nitrophenol               | 0.175 | 0.185  | 0.050   | 6.2402   | 25.0  |
| 2,4-Dimethylphenol          | 0.374 | 0.352  | 0.050   | -6.0164  | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.495 | 0.445  | 0.050   | -10.1377 | 20.0  |
| 2,4-Dichlorophenol          | 0.315 | 0.324  | 0.060   | 2.9793   | 20.0  |
| Naphthalene                 | 1.150 | 1.107  | 0.200   | -3.7863  | 20.0  |
| 4-Chloroaniline             | 0.464 | 0.430  | 0.010   | -7.3144  | 40.0  |
| Hexachlorobutadiene         | 0.208 | 0.209  | 0.040   | 0.4869   | 30.0  |
| Caprolactam                 | 0.101 | 0.094  | 0.010   | -6.1333  | 40.0  |
| 4-Chloro-3-methylphenol     | 0.326 | 0.321  | 0.040   | -1.4526  | 25.0  |
| 1-Methylnaphthalene         | 0.744 | 0.751  | 0.100   | 0.9361   | 20.0  |
| 2-Methylnaphthalene         | 0.731 | 0.721  | 0.100   | -1.3118  | 20.0  |
| Hexachlorocyclopentadiene   | 0.394 | 0.307  | 0.010   | -22.073  | 40.0  |
| 2,4,6-Trichlorophenol       | 0.377 | 0.404  | 0.090   | 7.278    | 25.0  |
| 2,4,5-Trichlorophenol       | 0.412 | 0.433  | 0.100   | 5.1212   | 25.0  |
| 1,1-Biphenyl                | 1.601 | 1.538  | 0.200   | -3.9452  | 20.0  |
| 2-Chloronaphthalene         | 1.238 | 1.225  | 0.300   | -1.0536  | 20.0  |
| 2-Nitroaniline              | 0.393 | 0.332  | 0.050   | -15.6482 | 40.0  |
| Dimethylphthalate           | 1.468 | 1.448  | 0.300   | -1.4077  | 20.0  |
| 2,6-Dinitrotoluene          | 0.258 | 0.279  | 0.080   | 8.1223   | 30.0  |
| Acenaphthylene              | 1.939 | 1.999  | 0.400   | 3.124    | 20.0  |
| 3-Nitroaniline              | 0.312 | 0.302  | 0.010   | -3.3174  | 40.0  |
| Acenaphthene                | 1.371 | 1.302  | 0.200   | -4.9848  | 20.0  |
| 2,4-Dinitrophenol           | 0.159 | 0.122  | 0.010   | -23.6089 | 40.0  |
| 4-Nitrophenol               | 0.242 | 0.199  | 0.010   | -18.0341 | 40.0  |
| Dibenzofuran                | 1.845 | 1.774  | 0.300   | -3.8168  | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG No.: BM100724

Instrument ID: BNA\_M Calibration Date/Time: 10/8/2024 1:17:06

Lab File ID: BM047916.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020169 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-------------------------------|-------|--------|---------|----------|-------|
| 2,4-Dinitrotoluene            | 0.387 | 0.406  | 0.070   | 4.9379   | 30.0  |
| Diethylphthalate              | 1.469 | 1.456  | 0.300   | -0.9159  | 20.0  |
| Fluorene                      | 1.539 | 1.463  | 0.200   | -4.9799  | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.727 | 0.723  | 0.100   | -0.6047  | 20.0  |
| 4-Nitroaniline                | 0.303 | 0.314  | 0.010   | 3.6408   | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.130 | 0.114  | 0.010   | -11.9739 | 40.0  |
| N-Nitrosodiphenylamine        | 0.623 | 0.604  | 0.050   | -3.0052  | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.651 | 0.637  | 0.100   | -2.2066  | 20.0  |
| 4-Bromophenyl-phenylether     | 0.206 | 0.220  | 0.070   | 6.4747   | 20.0  |
| Hexachlorobenzene             | 0.240 | 0.254  | 0.050   | 5.7292   | 25.0  |
| Atrazine                      | 0.207 | 0.184  | 0.010   | -11.226  | 25.0  |
| Pentachlorophenol             | 0.153 | 0.158  | 0.010   | 3.6053   | 40.0  |
| Phenanthrene                  | 1.173 | 1.131  | 0.200   | -3.5601  | 20.0  |
| Pentachlorobenzene            | 0.323 | 0.308  | 0.050   | -4.6845  | 20.0  |
| Anthracene                    | 1.196 | 1.166  | 0.200   | -2.5307  | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.331 | 0.316  | 0.050   | -4.7004  | 20.0  |
| Carbazole                     | 1.084 | 1.035  | 0.050   | -4.565   | 40.0  |
| Di-n-butylphthalate           | 1.207 | 1.239  | 0.500   | 2.6187   | 25.0  |
| Fluoranthene                  | 1.337 | 1.418  | 0.400   | 6.076    | 25.0  |
| Pyrene                        | 1.488 | 1.488  | 0.400   | 0.0251   | 25.0  |
| Butylbenzylphthalate          | 0.526 | 0.599  | 0.100   | 13.795   | 40.0  |
| 3,3-Dichlorobenzidine         | 0.423 | 0.415  | 0.010   | -1.809   | 40.0  |
| Benzo (a) anthracene          | 1.400 | 1.418  | 0.300   | 1.259    | 30.0  |
| Chrysene                      | 1.365 | 1.326  | 0.200   | -2.8734  | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.790 | 0.889  | 0.200   | 12.6094  | 40.0  |
| Di-n-octyl phthalate          | 1.290 | 1.354  | 0.010   | 4.9773   | 40.0  |
| Benzo (b) fluoranthene        | 1.247 | 1.238  | 0.200   | -0.7248  | 25.0  |
| Benzo (k) fluoranthene        | 1.275 | 1.243  | 0.200   | -2.517   | 25.0  |
| Benzo (a) pyrene              | 1.185 | 1.172  | 0.200   | -1.0919  | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.518 | 1.417  | 0.200   | -6.625   | 25.0  |
| Dibenzo (a,h) anthracene      | 1.244 | 1.186  | 0.200   | -4.631   | 30.0  |
| Benzo (g,h,i) perylene        | 1.189 | 1.152  | 0.200   | -3.1148  | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.325 | 0.362  | 0.040   | 11.4063  | 20.0  |
| 1,4-Dioxane-d8                | 0.619 | 0.488  | 0.010   | -21.1644 | 25.0  |
| Pyridine-d5                   | 1.812 | 1.457  | 0.010   | -19.5839 | 40.0  |
| Phenol-d5                     | 1.891 | 1.701  | 0.010   | -10.0359 | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.342 | 1.051  | 0.050   | -21.6557 | 25.0  |
| 2-Chlorophenol-d4             | 1.376 | 1.418  | 0.200   | 3.0699   | 20.0  |
| 4-Methylphenol-d8             | 1.406 | 1.342  | 0.010   | -4.5456  | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG No.: BM100724

Instrument ID: BNA\_M Calibration Date/Time: 10/8/2024 1:17:06

Lab File ID: BM047916.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020169 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.159 | 0.163  | 0.050      | 2.1023   | 20.0  |
| 2-Nitrophenol-d4              | 0.153 | 0.170  | 0.050      | 11.5015  | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.305 | 0.328  | 0.060      | 7.508    | 20.0  |
| 4-Chloroaniline-d4            | 0.471 | 0.446  | 0.010      | -5.2662  | 40.0  |
| Dimethylphthalate-d6          | 1.450 | 1.441  | 0.300      | -0.6246  | 20.0  |
| Acenaphthylene-d8             | 1.719 | 1.718  | 0.400      | -0.057   | 20.0  |
| 4-Nitrophenol-d4              | 0.289 | 0.266  | 0.010      | -7.965   | 40.0  |
| Fluorene-d10                  | 1.256 | 1.251  | 0.100      | -0.3796  | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.117 | 0.102  | 0.010      | -12.8989 | 40.0  |
| Anthracene-d10                | 0.983 | 0.960  | 0.300      | -2.3563  | 20.0  |
| Pyrene-d10                    | 1.135 | 1.191  | 0.300      | 4.9466   | 25.0  |
| Benzo(a)pyrene-d12            | 1.038 | 1.017  | 0.010      | -1.9639  | 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.: BM100724 SAS No.: BM100724 SDG No.: BM100724

Instrument ID: BNA\_M Calibration Date/Time: 10/9/2024 1:03:37

Lab File ID: BM047931.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020170 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.676 | 0.533  | 0.010   | -21.0906 | 40.0  |
| Pyridine                    | 1.908 | 1.519  | 0.010   | -20.4011 | 40.0  |
| Benzaldehyde                | 1.028 | 0.993  | 0.010   | -3.4831  | 40.0  |
| Phenol                      | 2.012 | 1.745  | 0.080   | -13.2626 | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.603 | 1.421  | 0.100   | -11.3561 | 20.0  |
| 2-Chlorophenol              | 1.458 | 1.443  | 0.200   | -1.0121  | 20.0  |
| 2-Methylphenol              | 1.403 | 1.337  | 0.010   | -4.6811  | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 3.018 | 2.127  | 0.010   | -29.5228 | 40.0  |
| Acetophenone                | 2.406 | 2.154  | 0.060   | -10.4809 | 20.0  |
| 4-Methylphenol              | 1.577 | 1.429  | 0.010   | -9.3717  | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.274 | 1.079  | 0.050   | -15.3412 | 30.0  |
| Hexachloroethane            | 0.655 | 0.615  | 0.100   | -6.2013  | 20.0  |
| Nitrobenzene                | 0.452 | 0.379  | 0.050   | -16.1493 | 25.0  |
| Isophorone                  | 0.809 | 0.730  | 0.050   | -9.7833  | 25.0  |
| 2-Nitrophenol               | 0.175 | 0.189  | 0.050   | 8.1028   | 25.0  |
| 2,4-Dimethylphenol          | 0.374 | 0.354  | 0.050   | -5.4157  | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.495 | 0.448  | 0.050   | -9.4078  | 20.0  |
| 2,4-Dichlorophenol          | 0.315 | 0.327  | 0.060   | 3.7336   | 20.0  |
| Naphthalene                 | 1.150 | 1.110  | 0.200   | -3.5551  | 20.0  |
| 4-Chloroaniline             | 0.464 | 0.430  | 0.010   | -7.2505  | 40.0  |
| Hexachlorobutadiene         | 0.208 | 0.210  | 0.040   | 1.0788   | 30.0  |
| Caprolactam                 | 0.101 | 0.095  | 0.010   | -5.2227  | 40.0  |
| 4-Chloro-3-methylphenol     | 0.326 | 0.326  | 0.040   | -0.0817  | 25.0  |
| 1-Methylnaphthalene         | 0.744 | 0.755  | 0.100   | 1.4667   | 20.0  |
| 2-Methylnaphthalene         | 0.731 | 0.726  | 0.100   | -0.7037  | 20.0  |
| Hexachlorocyclopentadiene   | 0.394 | 0.287  | 0.010   | -27.0434 | 40.0  |
| 2,4,6-Trichlorophenol       | 0.377 | 0.405  | 0.090   | 7.4352   | 25.0  |
| 2,4,5-Trichlorophenol       | 0.412 | 0.432  | 0.100   | 4.8813   | 25.0  |
| 1,1-Biphenyl                | 1.601 | 1.532  | 0.200   | -4.3222  | 20.0  |
| 2-Chloronaphthalene         | 1.238 | 1.202  | 0.300   | -2.9575  | 20.0  |
| 2-Nitroaniline              | 0.393 | 0.329  | 0.050   | -16.3661 | 40.0  |
| Dimethylphthalate           | 1.468 | 1.449  | 0.300   | -1.3198  | 20.0  |
| 2,6-Dinitrotoluene          | 0.258 | 0.280  | 0.080   | 8.6897   | 30.0  |
| Acenaphthylene              | 1.939 | 1.976  | 0.400   | 1.9193   | 20.0  |
| 3-Nitroaniline              | 0.312 | 0.311  | 0.010   | -0.4696  | 40.0  |
| Acenaphthene                | 1.371 | 1.294  | 0.200   | -5.6008  | 20.0  |
| 2,4-Dinitrophenol           | 0.159 | 0.122  | 0.010   | -23.285  | 40.0  |
| 4-Nitrophenol               | 0.242 | 0.199  | 0.010   | -17.9825 | 40.0  |
| Dibenzofuran                | 1.845 | 1.764  | 0.300   | -4.407   | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG No.: BM100724

Instrument ID: BNA\_M Calibration Date/Time: 10/9/2024 1:03:37

Lab File ID: BM047931.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020170 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-------------------------------|-------|--------|---------|----------|-------|
| 2,4-Dinitrotoluene            | 0.387 | 0.408  | 0.070   | 5.4338   | 30.0  |
| Diethylphthalate              | 1.469 | 1.437  | 0.300   | -2.2165  | 20.0  |
| Fluorene                      | 1.539 | 1.432  | 0.200   | -6.9417  | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.727 | 0.703  | 0.100   | -3.2815  | 20.0  |
| 4-Nitroaniline                | 0.303 | 0.321  | 0.010   | 5.9569   | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.130 | 0.113  | 0.010   | -13.0975 | 40.0  |
| N-Nitrosodiphenylamine        | 0.623 | 0.606  | 0.050   | -2.7995  | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.651 | 0.637  | 0.100   | -2.138   | 20.0  |
| 4-Bromophenyl-phenylether     | 0.206 | 0.217  | 0.070   | 5.3424   | 20.0  |
| Hexachlorobenzene             | 0.240 | 0.253  | 0.050   | 5.2493   | 25.0  |
| Atrazine                      | 0.207 | 0.183  | 0.010   | -11.9389 | 25.0  |
| Pentachlorophenol             | 0.153 | 0.156  | 0.010   | 2.5019   | 40.0  |
| Phenanthrene                  | 1.173 | 1.129  | 0.200   | -3.7657  | 20.0  |
| Pentachlorobenzene            | 0.323 | 0.312  | 0.050   | -3.3403  | 20.0  |
| Anthracene                    | 1.196 | 1.161  | 0.200   | -2.9738  | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.331 | 0.319  | 0.050   | -3.786   | 20.0  |
| Carbazole                     | 1.084 | 1.025  | 0.050   | -5.5026  | 40.0  |
| Di-n-butylphthalate           | 1.207 | 1.244  | 0.500   | 3.0899   | 25.0  |
| Fluoranthene                  | 1.337 | 1.420  | 0.400   | 6.2089   | 25.0  |
| Pyrene                        | 1.488 | 1.500  | 0.400   | 0.8117   | 25.0  |
| Butylbenzylphthalate          | 0.526 | 0.605  | 0.100   | 14.9548  | 40.0  |
| 3,3-Dichlorobenzidine         | 0.423 | 0.414  | 0.010   | -1.9616  | 40.0  |
| Benzo (a) anthracene          | 1.400 | 1.414  | 0.300   | 0.9955   | 30.0  |
| Chrysene                      | 1.365 | 1.326  | 0.200   | -2.8481  | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.790 | 0.894  | 0.200   | 13.225   | 40.0  |
| Di-n-octyl phthalate          | 1.290 | 1.377  | 0.010   | 6.7543   | 40.0  |
| Benzo (b) fluoranthene        | 1.247 | 1.261  | 0.200   | 1.1115   | 25.0  |
| Benzo (k) fluoranthene        | 1.275 | 1.238  | 0.200   | -2.9617  | 25.0  |
| Benzo (a) pyrene              | 1.185 | 1.182  | 0.200   | -0.1796  | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.518 | 1.423  | 0.200   | -6.2808  | 25.0  |
| Dibenzo (a,h) anthracene      | 1.244 | 1.194  | 0.200   | -4.0106  | 30.0  |
| Benzo (g,h,i) perylene        | 1.189 | 1.155  | 0.200   | -2.8932  | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.325 | 0.365  | 0.040   | 12.3072  | 20.0  |
| 1,4-Dioxane-d8                | 0.619 | 0.498  | 0.010   | -19.464  | 25.0  |
| Pyridine-d5                   | 1.812 | 1.441  | 0.010   | -20.4645 | 40.0  |
| Phenol-d5                     | 1.891 | 1.705  | 0.010   | -9.8288  | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.342 | 1.044  | 0.050   | -22.2162 | 25.0  |
| 2-Chlorophenol-d4             | 1.376 | 1.431  | 0.200   | 3.9647   | 20.0  |
| 4-Methylphenol-d8             | 1.406 | 1.356  | 0.010   | -3.5608  | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
 Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG No.: BM100724  
 Instrument ID: BNA\_M Calibration Date/Time: 10/9/2024 1:03:37  
 Lab File ID: BM047931.D Init. Calib. Date(s): \_\_\_\_\_  
 EPA Sample No.: SSTD020170 Init. Calib. Time(s): \_\_\_\_\_  
 GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-------------------------------|-------|--------|------------|---------|-------|
| Nitrobenzene-d5               | 0.159 | 0.164  | 0.050      | 3.1285  | 20.0  |
| 2-Nitrophenol-d4              | 0.153 | 0.175  | 0.050      | 14.6877 | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.305 | 0.333  | 0.060      | 9.2747  | 20.0  |
| 4-Chloroaniline-d4            | 0.471 | 0.455  | 0.010      | -3.3583 | 40.0  |
| Dimethylphthalate-d6          | 1.450 | 1.432  | 0.300      | -1.209  | 20.0  |
| Acenaphthylene-d8             | 1.719 | 1.711  | 0.400      | -0.4605 | 20.0  |
| 4-Nitrophenol-d4              | 0.289 | 0.267  | 0.010      | -7.5757 | 40.0  |
| Fluorene-d10                  | 1.256 | 1.247  | 0.100      | -0.7457 | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.117 | 0.103  | 0.010      | -12.159 | 40.0  |
| Anthracene-d10                | 0.983 | 0.959  | 0.300      | -2.5305 | 20.0  |
| Pyrene-d10                    | 1.135 | 1.198  | 0.300      | 5.5149  | 25.0  |
| Benzo(a)pyrene-d12            | 1.038 | 1.017  | 0.010      | -2.0178 | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | SBLK648      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163648BL   | 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 |
| BM047880.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 13    | U         | 13  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 75    | U         | 75  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 43    | U         | 43  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 35    | U         | 35  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 34    | U         | 34  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 30    | U         | 30  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 27    | U         | 27  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 38    | U         | 38  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 32    | U         | 32  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 29    | U         | 29  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 23    | U         | 23  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 36    | U         | 36  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 38    | U         | 38  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 39    | U         | 39  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 43    | U         | 43  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 120   | U         | 120 | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 37    | U         | 37  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 79    | U         | 79  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 42    | U         | 42  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | SBLK648      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163648BL   | 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 |
| BM047880.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 48    | U         | 48  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 22    | U         | 22  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 42    | U         | 42  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 21    | U         | 21  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 20    | U         | 20  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 120   | U         | 120 | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 41    | U         | 41  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 46    | U         | 46  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 60    | U         | 60  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 47    | U         | 47  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 42    | U         | 42  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 16    | U         | 16  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 42    | U         | 42  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 51    | U         | 51  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 39    | U         | 39  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 87    | U         | 87  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 44    | U         | 44  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 51    | U         | 51  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 45    | U         | 45  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 42    | U         | 42  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 44    | U         | 44  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | SBLK648      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163648BL   | 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 |
| BM047880.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 44     | U         | 44     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 32     | U         | 32     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 23     | U         | 23     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 39     | U         | 39     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 45     | U         | 45     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 44     | U         | 44     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 34     | U         | 34     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 42     | U         | 42     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 45     | U         | 45     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 42     | U         | 42     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 35     | U         | 35     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.232  |           | 15-120 |      | 53         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 19.908 |           | 20-120 |      | 50         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 21.35  |           | 10-130 |      | 53         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 18.687 |           | 10-150 |      | 47         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.917 |           | 15-120 |      | 62         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 22.512 |           | 10-140 |      | 56         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 24.823 |           | 10-135 |      | 62         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.854 |           | 10-120 |      | 70         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 25.064 |           | 10-140 |      | 63         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.914 |           | 1-145  |      | 60         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 24.154 |           | 10-145 |      | 60         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 24.272 |           | 15-120 |      | 61         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 19.923 |           | 10-150 |      | 50         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 24.87  |           | 20-140 |      | 62         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | SBLK648      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163648BL   | 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 |
| BM047880.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 17.226  |           | 10-130 |     | 43         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 23.997  |           | 10-150 |     | 60         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 25.01   |           | 10-130 |     | 63         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 24.761  |           | 10-140 |     | 62         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 263160  | 7.798     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1053269 | 10.592    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 650810  | 14.433    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1346620 | 17.174    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1301882 | 21.397    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1507955 | 24.397    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 48      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4E64                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-13              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| 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 |
| BM047881.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 13    | U         | 13  | 6.6  | 66         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 75    | U         | 75  | 82.2 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 43    | U         | 43  | 160  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 1100  |           | 35  | 82.2 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 6100  | E         | 34  | 82.2 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 3100  | E         | 28  | 42.4 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 30    | U         | 30  | 82.2 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 27    | U         | 27  | 82.2 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 38    | U         | 38  | 82.2 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 32    | U         | 32  | 82.2 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 6000  | E         | 29  | 42.4 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 4100  | E         | 23  | 42.4 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1200  |           | 36  | 42.4 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 5600  | E         | 34  | 42.4 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1900  |           | 32  | 42.4 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 28    | U         | 28  | 42.4 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 6300  | E         | 38  | 42.4 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 4300  | E         | 39  | 42.4 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 34    | U         | 34  | 42.4 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 43    | U         | 43  | 42.4 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 5100  | E         | 34  | 42.4 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 120   | U         | 120 | 82.2 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1700  |           | 28  | 42.4 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 41    | U         | 41  | 42.4 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 2100  |           | 37  | 42.4 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 79    | U         | 79  | 82.2 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 7400  | E         | 43  | 42.4 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1700  |           | 42  | 42.4 | 170        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4E64                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-13              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| 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 |
| BM047881.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 48    | U         | 48  | 42.4 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 45    | U         | 45  | 42.4 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 22    | U         | 22  | 42.4 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 42    | U         | 42  | 42.4 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 10000 | E         | 21  | 42.4 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 770   |           | 43  | 42.4 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 20    | U         | 20  | 82.2 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 4100  | E         | 41  | 42.4 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 120   | U         | 120 | 82.2 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 3100  |           | 41  | 82.2 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 46    | U         | 46  | 42.4 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 6500  | E         | 27  | 42.4 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 60    | U         | 60  | 42.4 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 5400  | E         | 45  | 42.4 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1900  |           | 47  | 42.4 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 42    | U         | 42  | 82.2 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 16    | U         | 16  | 82.2 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 42    | U         | 42  | 42.4 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 51    | U         | 51  | 42.4 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1700  |           | 45  | 42.4 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 8100  | E         | 50  | 42.4 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 39    | U         | 39  | 82.2 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 8200  | E         | 87  | 82.2 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1600  |           | 44  | 42.4 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 51    | U         | 51  | 42.4 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 1600  |           | 43  | 42.4 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 33    | U         | 33  | 42.4 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 45    | U         | 45  | 82.2 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 5700  | E         | 42  | 42.4 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 5800  | E         | 44  | 82.2 | 170        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4E64     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-13  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 0                     |
| 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 |
| BM047881.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 2600   |           | 44     | 42.4 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 2100   |           | 32     | 42.4 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 23     | U         | 23     | 82.2 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 4700   | E         | 39     | 42.4 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 6200   | E         | 45     | 42.4 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 7300   | E         | 44     | 42.4 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 34     | U         | 34     | 82.2 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 5800   | E         | 42     | 42.4 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 45     | U         | 45     | 42.4 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1400   |           | 42     | 42.4 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1200   |           | 37     | 42.4 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 3000   | E         | 37     | 42.4 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1100   |           | 35     | 42.4 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 37     | U         | 37     | 42.4 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.638  |           | 15-120 |      | 33         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.532  | *         | 20-120 |      | 1          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 22.069 |           | 10-130 |      | 55         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 18.125 |           | 10-150 |      | 45         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.725 |           | 15-120 |      | 62         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 24.553 |           | 10-140 |      | 61         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 25.627 |           | 10-135 |      | 64         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 29.186 |           | 10-120 |      | 73         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 34.725 |           | 10-140 |      | 87         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 20.947 |           | 1-145  |      | 52         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 31.08  |           | 10-145 |      | 78         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 30.366 |           | 15-120 |      | 76         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 28.105 |           | 10-150 |      | 70         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 31.471 |           | 20-140 |      | 79         | SPK: -40 |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4E64     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-13  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 0                     |
| 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 |
| BM047881.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 21.449  |           | 10-130 |     | 54         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 31.447  |           | 10-150 |     | 79         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 36.758  |           | 10-130 |     | 92         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 32.784  |           | 10-140 |     | 82         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 245894  | 7.799     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 991941  | 10.593    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 611644  | 14.433    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1223699 | 17.174    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1043987 | 21.41     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1287795 | 24.403    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 000106-46-7                           | Benzene, 1,4-dichloro-             | 620     | J         |        |     | 8.152      |          |
| 001125-21-9                           | 2,6,6-Trimethyl-2-cyclohexene-1,4- | 170     | J         |        |     | 9.828      |          |
| 000643-58-3                           | 1,1-Biphenyl, 2-methyl-            | 97      | J         |        |     | 15.727     |          |
| 001731-86-8                           | Undecanoic acid, methyl ester      | 130     | J         |        |     | 16.963     |          |
| 005129-60-2                           | Pentadecanoic acid, 14-methyl-, me | 140     | J         |        |     | 17.845     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 580     | J         |        |     | 18.074     |          |
| 001731-88-0                           | Tridecanoic acid, methyl ester     | 110     | J         |        |     | 18.427     |          |
| 000084-65-1                           | 9,10-Anthracenedione               | 190     | J         |        |     | 18.586     |          |
| 002345-29-1                           | 8-Octadecenoic acid, methyl ester  | 99      | J         |        |     | 19.015     |          |
| 031849-26-0                           | Triacontan-15-ol                   | 280     | J         |        |     | 25.574     |          |
| E966796                               | Total Alkanes                      | 48      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/19/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 9/19/2024 12:00:00 AM       |
| Client Sample ID:  | A4E64DL               | SDG No.:        | BM100724                    |
| Lab Sample ID:     | P4109-13DL            | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                           |
| 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 |
| BM047882.D        | 5         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 65    | U         | 65  | 32.9 | 330        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 370   | U         | 370 | 410  | 1600       | ug/Kg |
| 110-86-1       | Pyridine                    | 210   | U         | 210 | 820  | 1600       | ug/Kg |
| 108-95-2       | Phenol                      | 1100  | JD        | 170 | 410  | 1600       | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 6100  | D         | 170 | 410  | 1600       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 3100  | D         | 140 | 210  | 850        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 150   | U         | 150 | 410  | 1600       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 130   | U         | 130 | 410  | 1600       | ug/Kg |
| 98-86-2        | Acetophenone                | 190   | U         | 190 | 410  | 1600       | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 160   | U         | 160 | 410  | 1600       | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 6100  | D         | 140 | 210  | 850        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 4100  | D         | 110 | 210  | 850        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1100  | D         | 180 | 210  | 850        | ug/Kg |
| 78-59-1        | Isophorone                  | 5700  | D         | 170 | 210  | 850        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1700  | D         | 160 | 210  | 850        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 140   | U         | 140 | 210  | 850        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 6300  | D         | 190 | 210  | 850        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 4200  | D         | 190 | 210  | 850        | ug/Kg |
| 91-20-3        | Naphthalene                 | 170   | U         | 170 | 210  | 850        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 210   | U         | 210 | 210  | 1600       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 5300  | D         | 170 | 210  | 850        | ug/Kg |
| 105-60-2       | Caprolactam                 | 600   | U         | 600 | 410  | 1600       | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1600  | D         | 140 | 210  | 850        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 200   | U         | 200 | 210  | 850        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 2100  | D         | 180 | 210  | 850        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 390   | U         | 390 | 410  | 1600       | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 7400  | D         | 210 | 210  | 850        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1600  | D         | 210 | 210  | 850        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4E64DL               | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-13DL            | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| 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 |
| BM047882.D        | 5         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 240   | U         | 240 | 210 | 850        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 220   | U         | 220 | 210 | 850        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 110   | U         | 110 | 210 | 850        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 210   | U         | 210 | 210 | 850        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 9600  | D         | 100 | 210 | 850        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 740   | JD        | 210 | 210 | 850        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 100   | U         | 100 | 410 | 1600       | ug/Kg |
| 83-32-9    | Acenaphthene               | 4300  | D         | 200 | 210 | 850        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 600   | U         | 600 | 410 | 1600       | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 2900  | D         | 200 | 410 | 1600       | ug/Kg |
| 132-64-9   | Dibenzofuran               | 230   | U         | 230 | 210 | 850        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 6200  | D         | 130 | 210 | 850        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 300   | U         | 300 | 210 | 850        | ug/Kg |
| 86-73-7    | Fluorene                   | 6400  | D         | 220 | 210 | 850        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 2100  | D         | 230 | 210 | 850        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 210   | U         | 210 | 410 | 1600       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 80    | U         | 80  | 410 | 1600       | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 210   | U         | 210 | 210 | 850        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 250   | U         | 250 | 210 | 850        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1600  | D         | 220 | 210 | 850        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 8700  | D         | 250 | 210 | 850        | ug/Kg |
| 1912-24-9  | Atrazine                   | 190   | U         | 190 | 410 | 1600       | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 8100  | D         | 430 | 410 | 1600       | ug/Kg |
| 85-01-8    | Phenanthrene               | 1600  | D         | 220 | 210 | 850        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 250   | U         | 250 | 210 | 850        | ug/Kg |
| 120-12-7   | Anthracene                 | 1600  | D         | 210 | 210 | 850        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 160   | U         | 160 | 210 | 850        | ug/Kg |
| 86-74-8    | Carbazole                  | 220   | U         | 220 | 410 | 1600       | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 6500  | D         | 210 | 210 | 850        | ug/Kg |
| 206-44-0   | Fluoranthene               | 6100  | D         | 220 | 410 | 850        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4E64DL               | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-13DL            | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| 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 |
| BM047882.D        | 5         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 2500   | D         | 220    | 210 | 850        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1800   | D         | 160    | 210 | 850        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 110    | U         | 110    | 410 | 1600       | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 4800   | D         | 190    | 210 | 850        | ug/Kg    |
| 218-01-9          | Chrysene                    | 7200   | D         | 220    | 210 | 850        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 7600   | D         | 220    | 210 | 850        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 170    | U         | 170    | 410 | 1600       | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 6400   | D         | 210    | 210 | 850        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 220    | U         | 220    | 210 | 850        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1400   | D         | 210    | 210 | 850        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1200   | D         | 180    | 210 | 850        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2900   | D         | 180    | 210 | 850        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1000   | D         | 170    | 210 | 850        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 180    | U         | 180    | 210 | 850        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.12   |           | 15-120 |     | 39         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 1.7    | U         | 20-120 |     | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 21.12  |           | 10-130 |     | 53         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 18.125 |           | 10-150 |     | 45         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.035 |           | 15-120 |     | 60         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 23.105 |           | 10-140 |     | 58         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 24.13  |           | 10-135 |     | 60         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 25.955 |           | 10-120 |     | 65         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 32.875 |           | 10-140 |     | 82         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 19.76  |           | 1-145  |     | 49         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 29.845 |           | 10-145 |     | 75         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 29.105 |           | 15-120 |     | 73         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 21.99  |           | 10-150 |     | 55         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 31.19  |           | 20-140 |     | 78         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4E64DL            | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-13DL         | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 0                     |
| 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 |
| BM047882.D        | 5         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 14.2    |           | 10-130 |     | 35         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 30.705  |           | 10-150 |     | 77         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 33.215  |           | 10-130 |     | 83         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 31.49   |           | 10-140 |     | 79         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 230941  | 7.798     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 938294  | 10.592    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 580067  | 14.433    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1201820 | 17.174    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1111181 | 21.403    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1256192 | 24.403    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000541-73-1                           | Benzene, 1,3-dichloro-        | 7500    | JD        |        |     | 8.151      |          |
| E966796                               | Total Alkanes                 | 240     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/23/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/23/2024 12:00:00 AM |
| Client Sample ID:  | A4E67     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-21  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           |                       |
| Extraction Type :  |           | Decanted :      | Level :               |
| Injection Volume : |           | GPC Factor :    | Level :               |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047883.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163651      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 13    | U         | 13  | 6.6  | 66         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 75    | U         | 75  | 82.2 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 43    | U         | 43  | 160  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 860   |           | 35  | 82.2 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 4700  |           | 34  | 82.2 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 2500  |           | 28  | 42.4 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 30    | U         | 30  | 82.2 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 27    | U         | 27  | 82.2 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 38    | U         | 38  | 82.2 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 32    | U         | 32  | 82.2 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 4600  | E         | 29  | 42.4 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 3200  | E         | 23  | 42.4 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 940   |           | 36  | 42.4 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 4300  | E         | 34  | 42.4 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1400  |           | 32  | 42.4 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 28    | U         | 28  | 42.4 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 4800  | E         | 38  | 42.4 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 3200  | E         | 39  | 42.4 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 34    | U         | 34  | 42.4 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 43    | U         | 43  | 42.4 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 3900  | E         | 34  | 42.4 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 120   | U         | 120 | 82.2 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1200  |           | 28  | 42.4 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 41    | U         | 41  | 42.4 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1600  |           | 37  | 42.4 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 79    | U         | 79  | 82.2 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 5300  | E         | 43  | 42.4 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1200  |           | 42  | 42.4 | 170        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/23/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/23/2024 12:00:00 AM |
| Client Sample ID:  | A4E67                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-21              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| 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 |
| BM047883.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163651      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 48    | U         | 48  | 42.4 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 45    | U         | 45  | 42.4 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 22    | U         | 22  | 42.4 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 42    | U         | 42  | 42.4 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 7300  | E         | 21  | 42.4 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 570   |           | 43  | 42.4 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 20    | U         | 20  | 82.2 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 3100  | E         | 41  | 42.4 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 120   | U         | 120 | 82.2 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 2000  |           | 41  | 82.2 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 46    | U         | 46  | 42.4 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 4700  | E         | 27  | 42.4 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 60    | U         | 60  | 42.4 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 4300  | E         | 45  | 42.4 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1400  |           | 47  | 42.4 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 42    | U         | 42  | 82.2 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 16    | U         | 16  | 82.2 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 42    | U         | 42  | 42.4 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 51    | U         | 51  | 42.4 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1200  |           | 45  | 42.4 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 6000  | E         | 50  | 42.4 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 39    | U         | 39  | 82.2 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 5800  | E         | 87  | 82.2 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1200  |           | 44  | 42.4 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 51    | U         | 51  | 42.4 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 1100  |           | 43  | 42.4 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 33    | U         | 33  | 42.4 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 45    | U         | 45  | 82.2 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 4300  | E         | 42  | 42.4 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 4300  | E         | 44  | 82.2 | 170        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/23/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 9/23/2024 12:00:00 AM       |
| Client Sample ID:  | A4E67                 | SDG No.:        | BM100724                    |
| Lab Sample ID:     | P4131-21              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                           |
| 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 |
| BM047883.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163651      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1800   |           | 44     | 42.4 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1300   |           | 32     | 42.4 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 23     | U         | 23     | 82.2 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 3300   | E         | 39     | 42.4 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 4700   | E         | 45     | 42.4 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 5200   | E         | 44     | 42.4 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 34     | U         | 34     | 82.2 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 4300   | E         | 42     | 42.4 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 45     | U         | 45     | 42.4 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 990    |           | 42     | 42.4 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 800    |           | 37     | 42.4 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2000   |           | 37     | 42.4 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 720    |           | 35     | 42.4 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 37     | U         | 37     | 42.4 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.298  |           | 15-120 |      | 29         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.34   | U         | 20-120 |      | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 16.843 |           | 10-130 |      | 42         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 14.035 |           | 10-150 |      | 35         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 19.404 |           | 15-120 |      | 49         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 18.587 |           | 10-140 |      | 46         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 19.979 |           | 10-135 |      | 50         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 22.2   |           | 10-120 |      | 56         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 25.347 |           | 10-140 |      | 63         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 14.763 |           | 1-145  |      | 37         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 21.718 |           | 10-145 |      | 54         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 22.043 |           | 15-120 |      | 55         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 19.093 |           | 10-150 |      | 48         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 22.766 |           | 20-140 |      | 57         | SPK: -40 |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/23/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/23/2024 12:00:00 AM |
| Client Sample ID:  | A4E67     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-21  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 0                     |
| 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 |
| BM047883.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163651      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 13.105  |           | 10-130 |     | 33         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 22.298  |           | 10-150 |     | 56         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 25.404  |           | 10-130 |     | 64         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 22.951  |           | 10-140 |     | 57         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 212391  | 7.798     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 859847  | 10.592    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 523601  | 14.433    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1048219 | 17.174    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 918735  | 21.403    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1093641 | 24.397    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 000095-50-1                           | Benzene, 1,2-dichloro-             | 6700    | J         |        |     | 8.151      |          |
| 001125-21-9                           | 2,6,6-Trimethyl-2-cyclohexene-1,4- | 130     | J         |        |     | 9.828      |          |
| 000643-58-3                           | 1,1-Biphenyl, 2-methyl-            | 73      | J         |        |     | 15.727     |          |
| 000119-61-9                           | Benzophenone                       | 430     | J         |        |     | 15.786     |          |
| 005129-60-2                           | Pentadecanoic acid, 14-methyl-, me | 72      | J         |        |     | 17.845     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 160     | J         |        |     | 18.068     |          |
| 000084-65-1                           | 9,10-Anthracenedione               | 120     | J         |        |     | 18.586     |          |
| 032624-67-2                           | 10,18-Bisnorabieta-8,11,13-triene  | 67      | J         |        |     | 18.921     |          |
| E966796                               | Total Alkanes                      | 48      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 9/23/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 9/23/2024 12:00:00 AM |
| Client Sample ID:  | A4E67DL    | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-21DL | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 0                     |
| 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 |
| BM047884.D        | 5         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163651      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 65    | U         | 65  | 32.9 | 330        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 370   | U         | 370 | 410  | 1600       | ug/Kg |
| 110-86-1       | Pyridine                    | 210   | U         | 210 | 820  | 1600       | ug/Kg |
| 108-95-2       | Phenol                      | 860   | JD        | 170 | 410  | 1600       | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 4800  | D         | 170 | 410  | 1600       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 2400  | D         | 140 | 210  | 850        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 150   | U         | 150 | 410  | 1600       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 130   | U         | 130 | 410  | 1600       | ug/Kg |
| 98-86-2        | Acetophenone                | 190   | U         | 190 | 410  | 1600       | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 160   | U         | 160 | 410  | 1600       | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 4700  | D         | 140 | 210  | 850        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 3200  | D         | 110 | 210  | 850        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 890   | D         | 180 | 210  | 850        | ug/Kg |
| 78-59-1        | Isophorone                  | 4300  | D         | 170 | 210  | 850        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1300  | D         | 160 | 210  | 850        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 140   | U         | 140 | 210  | 850        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 4800  | D         | 190 | 210  | 850        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 3100  | D         | 190 | 210  | 850        | ug/Kg |
| 91-20-3        | Naphthalene                 | 170   | U         | 170 | 210  | 850        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 210   | U         | 210 | 210  | 1600       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 4000  | D         | 170 | 210  | 850        | ug/Kg |
| 105-60-2       | Caprolactam                 | 600   | U         | 600 | 410  | 1600       | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1100  | D         | 140 | 210  | 850        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 200   | U         | 200 | 210  | 850        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1600  | D         | 180 | 210  | 850        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 390   | U         | 390 | 410  | 1600       | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 5300  | D         | 210 | 210  | 850        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1200  | D         | 210 | 210  | 850        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/23/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 9/23/2024 12:00:00 AM       |
| Client Sample ID:  | A4E67DL               | SDG No.:        | BM100724                    |
| Lab Sample ID:     | P4131-21DL            | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                           |
| 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 |
| BM047884.D        | 5         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163651      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 240   | U         | 240 | 210 | 850        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 220   | U         | 220 | 210 | 850        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 110   | U         | 110 | 210 | 850        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 210   | U         | 210 | 210 | 850        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 6800  | D         | 100 | 210 | 850        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 550   | JD        | 210 | 210 | 850        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 100   | U         | 100 | 410 | 1600       | ug/Kg |
| 83-32-9    | Acenaphthene               | 3200  | D         | 200 | 210 | 850        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 600   | U         | 600 | 410 | 1600       | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 1600  | D         | 200 | 410 | 1600       | ug/Kg |
| 132-64-9   | Dibenzofuran               | 230   | U         | 230 | 210 | 850        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 4300  | D         | 130 | 210 | 850        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 300   | U         | 300 | 210 | 850        | ug/Kg |
| 86-73-7    | Fluorene                   | 4700  | D         | 220 | 210 | 850        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1600  | D         | 230 | 210 | 850        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 210   | U         | 210 | 410 | 1600       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 80    | U         | 80  | 410 | 1600       | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 210   | U         | 210 | 210 | 850        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 250   | U         | 250 | 210 | 850        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1100  | D         | 220 | 210 | 850        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 6300  | D         | 250 | 210 | 850        | ug/Kg |
| 1912-24-9  | Atrazine                   | 190   | U         | 190 | 410 | 1600       | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 5700  | D         | 430 | 410 | 1600       | ug/Kg |
| 85-01-8    | Phenanthrene               | 1200  | D         | 220 | 210 | 850        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 250   | U         | 250 | 210 | 850        | ug/Kg |
| 120-12-7   | Anthracene                 | 1100  | D         | 210 | 210 | 850        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 160   | U         | 160 | 210 | 850        | ug/Kg |
| 86-74-8    | Carbazole                  | 220   | U         | 220 | 410 | 1600       | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 4400  | D         | 210 | 210 | 850        | ug/Kg |
| 206-44-0   | Fluoranthene               | 4300  | D         | 220 | 410 | 850        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/23/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/23/2024 12:00:00 AM |
| Client Sample ID:  | A4E67DL               | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-21DL            | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| 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 |
| BM047884.D        | 5         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163651      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1800   | D         | 220    | 210 | 850        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1100   | D         | 160    | 210 | 850        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 110    | U         | 110    | 410 | 1600       | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 3400   | D         | 190    | 210 | 850        | ug/Kg    |
| 218-01-9          | Chrysene                    | 5000   | D         | 220    | 210 | 850        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 4900   | D         | 220    | 210 | 850        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 170    | U         | 170    | 410 | 1600       | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 4500   | D         | 210    | 210 | 850        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 220    | U         | 220    | 210 | 850        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 970    | D         | 210    | 210 | 850        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 770    | JD        | 180    | 210 | 850        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2000   | D         | 180    | 210 | 850        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 700    | JD        | 170    | 210 | 850        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 180    | U         | 180    | 210 | 850        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.38   |           | 15-120 |     | 30         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 1.7    | U         | 20-120 |     | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 16.345 |           | 10-130 |     | 41         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 14.385 |           | 10-150 |     | 36         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 18.72  |           | 15-120 |     | 47         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 17.445 |           | 10-140 |     | 44         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 18.085 |           | 10-135 |     | 45         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 19.465 |           | 10-120 |     | 49         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 24.64  |           | 10-140 |     | 62         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 13.53  |           | 1-145  |     | 34         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 21.45  |           | 10-145 |     | 54         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 21.46  |           | 15-120 |     | 54         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 14.32  |           | 10-150 |     | 36         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 22.665 |           | 20-140 |     | 57         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/23/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/23/2024 12:00:00 AM |
| Client Sample ID:  | A4E67DL            | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-21DL         | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 0                     |
| 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 |
| BM047884.D        | 5         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163651      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 8.755   |           | 10-130 |     | 22         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 21.425  |           | 10-150 |     | 54         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 23.67   |           | 10-130 |     | 59         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 21.795  |           | 10-140 |     | 54         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 242137  | 7.798     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 986734  | 10.592    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 602686  | 14.433    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1234133 | 17.174    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1135676 | 21.397    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1257738 | 24.403    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000095-50-1                           | Benzene, 1,2-dichloro-        | 6000    | JD        |        |     | 8.151      |          |
| 000119-61-9                           | Benzophenone                  | 420     | JD        |        |     | 15.786     |          |
| E966796                               | Total Alkanes                 | 240     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | A4EG9      | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4083-16   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 37.9                  |
| Sample Wt/Vol:     | 30         | 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 |
| BM047885.D        | 1         | 9/23/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163610      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 21    | U         | 21  | 10.6 | 110        | ug/Kg |
| 110-86-1       | Pyridine                    | 69    | U         | 69  | 270  | 530        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 120   | U         | 120 | 130  | 530        | ug/Kg |
| 108-95-2       | Phenol                      | 56    | U         | 56  | 130  | 530        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 55    | U         | 55  | 130  | 530        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 45    | U         | 45  | 68.4 | 270        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 48    | U         | 48  | 130  | 530        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 43    | U         | 43  | 130  | 530        | ug/Kg |
| 98-86-2        | Acetophenone                | 120   | J         | 61  | 130  | 530        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 52    | U         | 52  | 130  | 530        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 47    | U         | 47  | 68.4 | 270        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 37    | U         | 37  | 68.4 | 270        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 58    | U         | 58  | 68.4 | 270        | ug/Kg |
| 78-59-1        | Isophorone                  | 55    | U         | 55  | 68.4 | 270        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 52    | U         | 52  | 68.4 | 270        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 45    | U         | 45  | 68.4 | 270        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 61    | U         | 61  | 68.4 | 270        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 63    | U         | 63  | 68.4 | 270        | ug/Kg |
| 91-20-3        | Naphthalene                 | 55    | U         | 55  | 68.4 | 270        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 69    | U         | 69  | 68.4 | 530        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 55    | U         | 55  | 68.4 | 270        | ug/Kg |
| 105-60-2       | Caprolactam                 | 190   | U         | 190 | 130  | 530        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 45    | U         | 45  | 68.4 | 270        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 66    | U         | 66  | 68.4 | 270        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 60    | U         | 60  | 68.4 | 270        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 130   | U         | 130 | 130  | 530        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 69    | U         | 69  | 68.4 | 270        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 68    | U         | 68  | 68.4 | 270        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | A4EG9        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4083-16     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 37.9                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047885.D        | 1         | 9/23/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163610      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 77    | U         | 77  | 68.4 | 270        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 72    | U         | 72  | 68.4 | 270        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 35    | U         | 35  | 68.4 | 270        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 68    | U         | 68  | 68.4 | 270        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 34    | U         | 34  | 68.4 | 270        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 69    | U         | 69  | 68.4 | 270        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 32    | U         | 32  | 130  | 530        | ug/Kg |
| 83-32-9    | Acenaphthene               | 66    | U         | 66  | 68.4 | 270        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 190   | U         | 190 | 130  | 530        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 66    | U         | 66  | 130  | 530        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 74    | U         | 74  | 68.4 | 270        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 43    | U         | 43  | 68.4 | 270        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 97    | U         | 97  | 68.4 | 270        | ug/Kg |
| 86-73-7    | Fluorene                   | 72    | U         | 72  | 68.4 | 270        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 76    | U         | 76  | 68.4 | 270        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 68    | U         | 68  | 130  | 530        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 26    | U         | 26  | 130  | 530        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 68    | U         | 68  | 68.4 | 270        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 82    | U         | 82  | 68.4 | 270        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 72    | U         | 72  | 68.4 | 270        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 81    | U         | 81  | 68.4 | 270        | ug/Kg |
| 1912-24-9  | Atrazine                   | 63    | U         | 63  | 130  | 530        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 140   | U         | 140 | 130  | 530        | ug/Kg |
| 85-01-8    | Phenanthrene               | 330   |           | 71  | 68.4 | 270        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 82    | U         | 82  | 68.4 | 270        | ug/Kg |
| 120-12-7   | Anthracene                 | 69    | U         | 69  | 68.4 | 270        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 53    | U         | 53  | 68.4 | 270        | ug/Kg |
| 86-74-8    | Carbazole                  | 72    | U         | 72  | 130  | 530        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 68    | U         | 68  | 68.4 | 270        | ug/Kg |
| 206-44-0   | Fluoranthene               | 780   |           | 71  | 130  | 270        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | A4EG9        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4083-16     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 37.9                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047885.D        | 1         | 9/23/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163610      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 440    |           | 71     | 68.4 | 270        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 52     | U         | 52     | 68.4 | 270        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 37     | U         | 37     | 130  | 530        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 340    |           | 63     | 68.4 | 270        | ug/Kg    |
| 218-01-9          | Chrysene                    | 400    |           | 72     | 68.4 | 270        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 290    |           | 71     | 68.4 | 270        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 55     | U         | 55     | 130  | 530        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 520    |           | 68     | 68.4 | 270        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 170    | J         | 72     | 68.4 | 270        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 150    | J         | 68     | 68.4 | 270        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 120    | J         | 60     | 68.4 | 270        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 63     | J         | 60     | 68.4 | 270        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 56     | U         | 56     | 68.4 | 270        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 60     | U         | 60     | 68.4 | 270        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 1.002  | *         | 15-120 |      | 13         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.892  | *         | 20-120 |      | 2          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 6.033  |           | 10-130 |      | 15         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 6.017  |           | 10-150 |      | 15         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 7.435  |           | 15-120 |      | 19         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 4.044  |           | 10-140 |      | 10         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 7.96   |           | 10-135 |      | 20         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 8.221  |           | 10-120 |      | 21         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 8.505  |           | 10-140 |      | 21         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 2.302  |           | 1-145  |      | 6          | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 9.464  |           | 10-145 |      | 24         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 9.091  |           | 15-120 |      | 23         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 4.184  |           | 10-150 |      | 10         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 10.084 |           | 20-140 |      | 25         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | A4EG9        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4083-16     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 37.9                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047885.D        | 1         | 9/23/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163610      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 4.325   |           | 10-130 |     | 11         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 9.241   |           | 10-150 |     | 23         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 8.375   |           | 10-130 |     | 21         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 5.414   |           | 10-140 |     | 14         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 230541  | 7.798     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 910051  | 10.587    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 561979  | 14.433    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1163233 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1104168 | 21.398    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1258349 | 24.397    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 300     | J         |        |     | 15.786     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 180     | J         |        |     | 18.063     |          |
|                                       | (DEL) Alkane: Straight-Chain  | 21.074  | J         |        |     | 21.074     |          |
| E966796                               | Total Alkanes                 | 110     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | A4EH2        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4083-19     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 33.1                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047886.D        | 1         | 9/23/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163610      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 19    | U         | 19  | 9.9  | 100        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 110   | U         | 110 | 120  | 490        | ug/Kg |
| 110-86-1       | Pyridine                    | 64    | U         | 64  | 250  | 490        | ug/Kg |
| 108-95-2       | Phenol                      | 52    | U         | 52  | 120  | 490        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 51    | U         | 51  | 120  | 490        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 42    | U         | 42  | 63.5 | 250        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 45    | U         | 45  | 120  | 490        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 40    | U         | 40  | 120  | 490        | ug/Kg |
| 98-86-2        | Acetophenone                | 83    | J         | 57  | 120  | 490        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 48    | U         | 48  | 120  | 490        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 43    | U         | 43  | 63.5 | 250        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 34    | U         | 34  | 63.5 | 250        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 54    | U         | 54  | 63.5 | 250        | ug/Kg |
| 78-59-1        | Isophorone                  | 51    | U         | 51  | 63.5 | 250        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 48    | U         | 48  | 63.5 | 250        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 42    | U         | 42  | 63.5 | 250        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 57    | U         | 57  | 63.5 | 250        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 58    | U         | 58  | 63.5 | 250        | ug/Kg |
| 91-20-3        | Naphthalene                 | 51    | U         | 51  | 63.5 | 250        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 64    | U         | 64  | 63.5 | 490        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 51    | U         | 51  | 63.5 | 250        | ug/Kg |
| 105-60-2       | Caprolactam                 | 180   | U         | 180 | 120  | 490        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 42    | U         | 42  | 63.5 | 250        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 61    | U         | 61  | 63.5 | 250        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 55    | U         | 55  | 63.5 | 250        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 120   | U         | 120 | 120  | 490        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 64    | U         | 64  | 63.5 | 250        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 63    | U         | 63  | 63.5 | 250        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | A4EH2        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4083-19     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 33.1                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047886.D        | 1         | 9/23/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163610      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 72    | U         | 72  | 63.5 | 250        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 67    | U         | 67  | 63.5 | 250        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 33    | U         | 33  | 63.5 | 250        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 63    | U         | 63  | 63.5 | 250        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 31    | U         | 31  | 63.5 | 250        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 64    | U         | 64  | 63.5 | 250        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 30    | U         | 30  | 120  | 490        | ug/Kg |
| 83-32-9    | Acenaphthene               | 61    | U         | 61  | 63.5 | 250        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 180   | U         | 180 | 120  | 490        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 61    | U         | 61  | 120  | 490        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 69    | U         | 69  | 63.5 | 250        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 40    | U         | 40  | 63.5 | 250        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 90    | U         | 90  | 63.5 | 250        | ug/Kg |
| 86-73-7    | Fluorene                   | 67    | U         | 67  | 63.5 | 250        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 70    | U         | 70  | 63.5 | 250        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 63    | U         | 63  | 120  | 490        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 24    | U         | 24  | 120  | 490        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 63    | U         | 63  | 63.5 | 250        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 76    | U         | 76  | 63.5 | 250        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 67    | U         | 67  | 63.5 | 250        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 75    | U         | 75  | 63.5 | 250        | ug/Kg |
| 1912-24-9  | Atrazine                   | 58    | U         | 58  | 120  | 490        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 130   | U         | 130 | 120  | 490        | ug/Kg |
| 85-01-8    | Phenanthrene               | 360   |           | 66  | 63.5 | 250        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 76    | U         | 76  | 63.5 | 250        | ug/Kg |
| 120-12-7   | Anthracene                 | 66    | J         | 64  | 63.5 | 250        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 49    | U         | 49  | 63.5 | 250        | ug/Kg |
| 86-74-8    | Carbazole                  | 67    | U         | 67  | 120  | 490        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 63    | U         | 63  | 63.5 | 250        | ug/Kg |
| 206-44-0   | Fluoranthene               | 740   |           | 66  | 120  | 250        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | A4EH2        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4083-19     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 33.1                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047886.D        | 1         | 9/23/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163610      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 410    |           | 66     | 63.5 | 250        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 48     | U         | 48     | 63.5 | 250        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 34     | U         | 34     | 120  | 490        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 310    |           | 58     | 63.5 | 250        | ug/Kg    |
| 218-01-9          | Chrysene                    | 350    |           | 67     | 63.5 | 250        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 250    |           | 66     | 63.5 | 250        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 51     | U         | 51     | 120  | 490        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 470    |           | 63     | 63.5 | 250        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 160    | J         | 67     | 63.5 | 250        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 130    | J         | 63     | 63.5 | 250        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 110    | J         | 55     | 63.5 | 250        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 55     | U         | 55     | 63.5 | 250        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 52     | U         | 52     | 63.5 | 250        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 55     | U         | 55     | 63.5 | 250        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 1.062  | *         | 15-120 |      | 13         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.34   | U         | 20-120 |      | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 9.249  |           | 10-130 |      | 23         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 8.849  |           | 10-150 |      | 22         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 11.146 |           | 15-120 |      | 28         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 7.738  |           | 10-140 |      | 19         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 11.595 |           | 10-135 |      | 29         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 12.792 |           | 10-120 |      | 32         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 12.328 |           | 10-140 |      | 31         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 6.179  |           | 1-145  |      | 15         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 12.733 |           | 10-145 |      | 32         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 12.395 |           | 15-120 |      | 31         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 7.789  |           | 10-150 |      | 19         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 13.216 |           | 20-140 |      | 33         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | A4EH2        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4083-19     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 33.1                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047886.D        | 1         | 9/23/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163610      |

| CAS Number                            | Parameter                      | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|--------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2  | 6.789   |           | 10-130 |     | 17         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                 | 12.58   |           | 10-150 |     | 31         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                     | 12.247  |           | 10-130 |     | 31         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12             | 9.862   |           | 10-140 |     | 25         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4         | 213994  | 7.799     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                 | 857381  | 10.587    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10               | 526818  | 14.433    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10               | 1089050 | 17.169    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                   | 1048749 | 21.398    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                   | 1174832 | 24.397    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                   | 250     | J         |        |     | 15.786     |          |
| 000057-10-3                           | n-Hexadecanoic acid            | 170     | J         |        |     | 18.063     |          |
| 000203-64-5                           | 4H-Cyclopenta[def]phenanthrene | 110     | J         |        |     | 18.239     |          |
|                                       | (DEL) Alkane: Straight-Chain   | 21.074  | J         |        |     | 21.074     |          |
| E966796                               | Total Alkanes                  | 100     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | SBLK651      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163651BL   | 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 |
| BM047888.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163651      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 13    | U         | 13  | 6.6  | 67         | ug/Kg |
| 110-86-1       | Pyridine                    | 43    | U         | 43  | 170  | 330        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 75    | U         | 75  | 82.5 | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 35    | U         | 35  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 34    | U         | 34  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 30    | U         | 30  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 27    | U         | 27  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 38    | U         | 38  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 32    | U         | 32  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 29    | U         | 29  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 23    | U         | 23  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 36    | U         | 36  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 38    | U         | 38  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 39    | U         | 39  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 43    | U         | 43  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 120   | U         | 120 | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 37    | U         | 37  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 79    | U         | 79  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 42    | U         | 42  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | SBLK651      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163651BL   | 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 |
| BM047888.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163651      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 48    | U         | 48  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 22    | U         | 22  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 42    | U         | 42  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 21    | U         | 21  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 20    | U         | 20  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 120   | U         | 120 | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 41    | U         | 41  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 46    | U         | 46  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 60    | U         | 60  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 47    | U         | 47  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 42    | U         | 42  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 16    | U         | 16  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 42    | U         | 42  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 51    | U         | 51  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 39    | U         | 39  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 87    | U         | 87  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 44    | U         | 44  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 51    | U         | 51  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 45    | U         | 45  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 42    | U         | 42  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 44    | U         | 44  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | SBLK651      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163651BL   | 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 |
| BM047888.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163651      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 44     | U         | 44     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 32     | U         | 32     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 23     | U         | 23     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 39     | U         | 39     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 45     | U         | 45     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 44     | U         | 44     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 34     | U         | 34     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 42     | U         | 42     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 45     | U         | 45     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 42     | U         | 42     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 35     | U         | 35     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.279  |           | 15-120 |      | 53         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 21.2   |           | 20-120 |      | 53         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 23.265 |           | 10-130 |      | 58         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 20.186 |           | 10-150 |      | 50         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 26.786 |           | 15-120 |      | 67         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 24.917 |           | 10-140 |      | 62         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 27.034 |           | 10-135 |      | 68         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 30.437 |           | 10-120 |      | 76         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 27.633 |           | 10-140 |      | 69         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 26.15  |           | 1-145  |      | 65         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.36  |           | 10-145 |      | 66         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 26.636 |           | 15-120 |      | 67         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 21.988 |           | 10-150 |      | 55         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 27.214 |           | 20-140 |      | 68         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | SBLK651      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163651BL   | 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 |
| BM047888.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163651      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 19.173  |           | 10-130 |     | 48         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 26.518  |           | 10-150 |     | 66         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 28.462  |           | 10-130 |     | 71         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 27.439  |           | 10-140 |     | 69         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 256865  | 7.799     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1036792 | 10.592    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 646832  | 14.433    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1316819 | 17.169    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1219351 | 21.398    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1394304 | 24.397    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 48      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/17/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/17/2024 12:00:00 AM |
| Client Sample ID:  | A4EK2                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4083-07              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 47.6                  |
| 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 |
| BM047889.D        | 1         | 9/23/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163610      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 25    | U         | 25  | 12.6 | 130        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 140   | U         | 140 | 160  | 630        | ug/Kg |
| 110-86-1       | Pyridine                    | 82    | U         | 82  | 310  | 630        | ug/Kg |
| 108-95-2       | Phenol                      | 67    | U         | 67  | 160  | 630        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 65    | U         | 65  | 160  | 630        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 53    | U         | 53  | 80.8 | 320        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 57    | U         | 57  | 160  | 630        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 51    | U         | 51  | 160  | 630        | ug/Kg |
| 98-86-2        | Acetophenone                | 150   | J         | 72  | 160  | 630        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 61    | U         | 61  | 160  | 630        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 55    | U         | 55  | 80.8 | 320        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 44    | U         | 44  | 80.8 | 320        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 68    | U         | 68  | 80.8 | 320        | ug/Kg |
| 78-59-1        | Isophorone                  | 65    | U         | 65  | 80.8 | 320        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 61    | U         | 61  | 80.8 | 320        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 53    | U         | 53  | 80.8 | 320        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 72    | U         | 72  | 80.8 | 320        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 74    | U         | 74  | 80.8 | 320        | ug/Kg |
| 91-20-3        | Naphthalene                 | 65    | U         | 65  | 80.8 | 320        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 82    | U         | 82  | 80.8 | 630        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 65    | U         | 65  | 80.8 | 320        | ug/Kg |
| 105-60-2       | Caprolactam                 | 230   | U         | 230 | 160  | 630        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 53    | U         | 53  | 80.8 | 320        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 78    | U         | 78  | 80.8 | 320        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 70    | U         | 70  | 80.8 | 320        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 150   | U         | 150 | 160  | 630        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 82    | U         | 82  | 80.8 | 320        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 80    | U         | 80  | 80.8 | 320        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/17/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/17/2024 12:00:00 AM |
| Client Sample ID:  | A4EK2                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4083-07              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 47.6                  |
| 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 |
| BM047889.D        | 1         | 9/23/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163610      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 91    | U         | 91  | 80.8 | 320        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 86    | U         | 86  | 80.8 | 320        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 42    | U         | 42  | 80.8 | 320        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 80    | U         | 80  | 80.8 | 320        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 40    | U         | 40  | 80.8 | 320        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 82    | U         | 82  | 80.8 | 320        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 38    | U         | 38  | 160  | 630        | ug/Kg |
| 83-32-9    | Acenaphthene               | 78    | U         | 78  | 80.8 | 320        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 230   | U         | 230 | 160  | 630        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 78    | U         | 78  | 160  | 630        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 87    | U         | 87  | 80.8 | 320        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 51    | U         | 51  | 80.8 | 320        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 110   | U         | 110 | 80.8 | 320        | ug/Kg |
| 86-73-7    | Fluorene                   | 86    | U         | 86  | 80.8 | 320        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 89    | U         | 89  | 80.8 | 320        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 80    | U         | 80  | 160  | 630        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 30    | U         | 30  | 160  | 630        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 80    | U         | 80  | 80.8 | 320        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 97    | U         | 97  | 80.8 | 320        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 86    | U         | 86  | 80.8 | 320        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 95    | U         | 95  | 80.8 | 320        | ug/Kg |
| 1912-24-9  | Atrazine                   | 74    | U         | 74  | 160  | 630        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 170   | U         | 170 | 160  | 630        | ug/Kg |
| 85-01-8    | Phenanthrene               | 84    | U         | 84  | 80.8 | 320        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 97    | U         | 97  | 80.8 | 320        | ug/Kg |
| 120-12-7   | Anthracene                 | 82    | U         | 82  | 80.8 | 320        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 63    | U         | 63  | 80.8 | 320        | ug/Kg |
| 86-74-8    | Carbazole                  | 86    | U         | 86  | 160  | 630        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 80    | U         | 80  | 80.8 | 320        | ug/Kg |
| 206-44-0   | Fluoranthene               | 160   | J         | 84  | 160  | 320        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/17/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/17/2024 12:00:00 AM |
| Client Sample ID:  | A4EK2                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4083-07              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 47.6                  |
| 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 |
| BM047889.D        | 1         | 9/23/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163610      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 95     | J         | 84     | 80.8 | 320        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 61     | U         | 61     | 80.8 | 320        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 44     | U         | 44     | 160  | 630        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 74     | U         | 74     | 80.8 | 320        | ug/Kg    |
| 218-01-9          | Chrysene                    | 86     | U         | 86     | 80.8 | 320        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 84     | U         | 84     | 80.8 | 320        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 65     | U         | 65     | 160  | 630        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 110    | J         | 80     | 80.8 | 320        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 86     | U         | 86     | 80.8 | 320        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 80     | U         | 80     | 80.8 | 320        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 70     | U         | 70     | 80.8 | 320        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 70     | U         | 70     | 80.8 | 320        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 67     | U         | 67     | 80.8 | 320        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 70     | U         | 70     | 80.8 | 320        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 0.724  | *         | 15-120 |      | 9          | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.918  | *         | 20-120 |      | 2          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 8.956  |           | 10-130 |      | 22         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 10.022 |           | 10-150 |      | 25         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 11.825 |           | 15-120 |      | 30         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 7.993  |           | 10-140 |      | 20         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 13.097 |           | 10-135 |      | 33         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 14.184 |           | 10-120 |      | 35         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 12.692 |           | 10-140 |      | 32         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 9.164  |           | 1-145  |      | 23         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 14.447 |           | 10-145 |      | 36         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 14.241 |           | 15-120 |      | 36         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 5.712  |           | 10-150 |      | 14         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 15.134 |           | 20-140 |      | 38         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/17/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/17/2024 12:00:00 AM |
| Client Sample ID:  | A4EK2              | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4083-07           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 47.6                  |
| 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 |
| BM047889.D        | 1         | 9/23/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163610      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 7.018  |           | 10-130 |     | 18         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 13.746 |           | 10-150 |     | 34         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 14.099 |           | 10-130 |     | 35         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 11.813 |           | 10-140 |     | 30         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 170217 | 7.798     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 683644 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 420135 | 14.433    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 867282 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 831462 | 21.398    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 934504 | 24.397    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 330    | J         |        |     | 15.786     |          |
| E966796                               | Total Alkanes                 | 91     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/17/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 9/17/2024 12:00:00 AM       |
| Client Sample ID:  | A4EK3                 | SDG No.:        | BM100724                    |
| Lab Sample ID:     | P4083-08              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 47.6                        |
| 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 |
| BM047890.D        | 1         | 9/23/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163610      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 25    | U         | 25  | 12.6 | 130        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 140   | U         | 140 | 160  | 630        | ug/Kg |
| 110-86-1       | Pyridine                    | 82    | U         | 82  | 310  | 630        | ug/Kg |
| 108-95-2       | Phenol                      | 67    | U         | 67  | 160  | 630        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 65    | U         | 65  | 160  | 630        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 53    | U         | 53  | 80.8 | 320        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 57    | U         | 57  | 160  | 630        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 51    | U         | 51  | 160  | 630        | ug/Kg |
| 98-86-2        | Acetophenone                | 180   | J         | 72  | 160  | 630        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 61    | U         | 61  | 160  | 630        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 55    | U         | 55  | 80.8 | 320        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 44    | U         | 44  | 80.8 | 320        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 68    | U         | 68  | 80.8 | 320        | ug/Kg |
| 78-59-1        | Isophorone                  | 65    | U         | 65  | 80.8 | 320        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 61    | U         | 61  | 80.8 | 320        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 53    | U         | 53  | 80.8 | 320        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 72    | U         | 72  | 80.8 | 320        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 74    | U         | 74  | 80.8 | 320        | ug/Kg |
| 91-20-3        | Naphthalene                 | 65    | U         | 65  | 80.8 | 320        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 82    | U         | 82  | 80.8 | 630        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 65    | U         | 65  | 80.8 | 320        | ug/Kg |
| 105-60-2       | Caprolactam                 | 230   | U         | 230 | 160  | 630        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 53    | U         | 53  | 80.8 | 320        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 78    | U         | 78  | 80.8 | 320        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 70    | U         | 70  | 80.8 | 320        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 150   | U         | 150 | 160  | 630        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 82    | U         | 82  | 80.8 | 320        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 80    | U         | 80  | 80.8 | 320        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/17/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/17/2024 12:00:00 AM |
| Client Sample ID:  | A4EK3                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4083-08              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 47.6                  |
| 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 |
| BM047890.D        | 1         | 9/23/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163610      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 91    | U         | 91  | 80.8 | 320        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 86    | U         | 86  | 80.8 | 320        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 42    | U         | 42  | 80.8 | 320        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 80    | U         | 80  | 80.8 | 320        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 40    | U         | 40  | 80.8 | 320        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 82    | U         | 82  | 80.8 | 320        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 38    | U         | 38  | 160  | 630        | ug/Kg |
| 83-32-9    | Acenaphthene               | 78    | U         | 78  | 80.8 | 320        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 230   | U         | 230 | 160  | 630        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 78    | U         | 78  | 160  | 630        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 87    | U         | 87  | 80.8 | 320        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 51    | U         | 51  | 80.8 | 320        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 110   | U         | 110 | 80.8 | 320        | ug/Kg |
| 86-73-7    | Fluorene                   | 86    | U         | 86  | 80.8 | 320        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 89    | U         | 89  | 80.8 | 320        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 80    | U         | 80  | 160  | 630        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 30    | U         | 30  | 160  | 630        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 80    | U         | 80  | 80.8 | 320        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 97    | U         | 97  | 80.8 | 320        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 86    | U         | 86  | 80.8 | 320        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 95    | U         | 95  | 80.8 | 320        | ug/Kg |
| 1912-24-9  | Atrazine                   | 74    | U         | 74  | 160  | 630        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 170   | U         | 170 | 160  | 630        | ug/Kg |
| 85-01-8    | Phenanthrene               | 260   | J         | 84  | 80.8 | 320        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 97    | U         | 97  | 80.8 | 320        | ug/Kg |
| 120-12-7   | Anthracene                 | 82    | U         | 82  | 80.8 | 320        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 63    | U         | 63  | 80.8 | 320        | ug/Kg |
| 86-74-8    | Carbazole                  | 86    | U         | 86  | 160  | 630        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 80    | U         | 80  | 80.8 | 320        | ug/Kg |
| 206-44-0   | Fluoranthene               | 520   |           | 84  | 160  | 320        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/17/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/17/2024 12:00:00 AM |
| Client Sample ID:  | A4EK3                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4083-08              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 47.6                  |
| 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 |
| BM047890.D        | 1         | 9/23/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163610      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 290    | J         | 84     | 80.8 | 320        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 61     | U         | 61     | 80.8 | 320        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 44     | U         | 44     | 160  | 630        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 220    | J         | 74     | 80.8 | 320        | ug/Kg    |
| 218-01-9          | Chrysene                    | 260    | J         | 86     | 80.8 | 320        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 230    | J         | 84     | 80.8 | 320        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 65     | U         | 65     | 160  | 630        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 320    |           | 80     | 80.8 | 320        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 120    | J         | 86     | 80.8 | 320        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 90     | J         | 80     | 80.8 | 320        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 76     | J         | 70     | 80.8 | 320        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 70     | U         | 70     | 80.8 | 320        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 67     | U         | 67     | 80.8 | 320        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 70     | U         | 70     | 80.8 | 320        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 1.247  |           | 15-120 |      | 16         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.34   | U         | 20-120 |      | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 10.695 |           | 10-130 |      | 27         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 10.869 |           | 10-150 |      | 27         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 13.091 |           | 15-120 |      | 33         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 7.856  |           | 10-140 |      | 20         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 14.297 |           | 10-135 |      | 36         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 15.884 |           | 10-120 |      | 40         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 14.54  |           | 10-140 |      | 36         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 6.804  |           | 1-145  |      | 17         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 15.571 |           | 10-145 |      | 39         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 15.181 |           | 15-120 |      | 38         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 9.589  |           | 10-150 |      | 24         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 16.247 |           | 20-140 |      | 41         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/17/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/17/2024 12:00:00 AM |
| Client Sample ID:  | A4EK3              | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4083-08           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 47.6                  |
| 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 |
| BM047890.D        | 1         | 9/23/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163610      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 8.198   |           | 10-130 |     | 20         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 14.474  |           | 10-150 |     | 36         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 14.689  |           | 10-130 |     | 37         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 11.811  |           | 10-140 |     | 30         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 207306  | 7.798     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 832026  | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 508165  | 14.433    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1024306 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 964716  | 21.397    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1073152 | 24.397    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 340     | J         |        |     | 15.786     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 180     | J         |        |     | 18.062     |          |
|                                       | (DEL) Alkane: Straight-Chain  | 22.156  | J         |        |     | 22.156     |          |
| E966796                               | Total Alkanes                 | 190     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | A4EH5                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-02              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 44.6                  |
| 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 |
| BM047891.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 23    | U         | 23  | 11.9 | 120        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 130   | U         | 130 | 150  | 590        | ug/Kg |
| 110-86-1       | Pyridine                    | 77    | U         | 77  | 300  | 590        | ug/Kg |
| 108-95-2       | Phenol                      | 63    | U         | 63  | 150  | 590        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 61    | U         | 61  | 150  | 590        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 50    | U         | 50  | 76.5 | 310        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 54    | U         | 54  | 150  | 590        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 49    | U         | 49  | 150  | 590        | ug/Kg |
| 98-86-2        | Acetophenone                | 68    | U         | 68  | 150  | 590        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 58    | U         | 58  | 150  | 590        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 52    | U         | 52  | 76.5 | 310        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 41    | U         | 41  | 76.5 | 310        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 65    | U         | 65  | 76.5 | 310        | ug/Kg |
| 78-59-1        | Isophorone                  | 61    | U         | 61  | 76.5 | 310        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 58    | U         | 58  | 76.5 | 310        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 50    | U         | 50  | 76.5 | 310        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 68    | U         | 68  | 76.5 | 310        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 70    | U         | 70  | 76.5 | 310        | ug/Kg |
| 91-20-3        | Naphthalene                 | 61    | U         | 61  | 76.5 | 310        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 77    | U         | 77  | 76.5 | 590        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 61    | U         | 61  | 76.5 | 310        | ug/Kg |
| 105-60-2       | Caprolactam                 | 220   | U         | 220 | 150  | 590        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 50    | U         | 50  | 76.5 | 310        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 74    | U         | 74  | 76.5 | 310        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 67    | U         | 67  | 76.5 | 310        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 140   | U         | 140 | 150  | 590        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 77    | U         | 77  | 76.5 | 310        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 76    | U         | 76  | 76.5 | 310        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | A4EH5                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-02              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 44.6                  |
| 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 |
| BM047891.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 86    | U         | 86  | 76.5 | 310        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 81    | U         | 81  | 76.5 | 310        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 40    | U         | 40  | 76.5 | 310        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 76    | U         | 76  | 76.5 | 310        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 38    | U         | 38  | 76.5 | 310        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 77    | U         | 77  | 76.5 | 310        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 36    | U         | 36  | 150  | 590        | ug/Kg |
| 83-32-9    | Acenaphthene               | 74    | U         | 74  | 76.5 | 310        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 220   | U         | 220 | 150  | 590        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 74    | U         | 74  | 150  | 590        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 83    | U         | 83  | 76.5 | 310        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 49    | U         | 49  | 76.5 | 310        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 110   | U         | 110 | 76.5 | 310        | ug/Kg |
| 86-73-7    | Fluorene                   | 81    | U         | 81  | 76.5 | 310        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 85    | U         | 85  | 76.5 | 310        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 76    | U         | 76  | 150  | 590        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 29    | U         | 29  | 150  | 590        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 76    | U         | 76  | 76.5 | 310        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 92    | U         | 92  | 76.5 | 310        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 81    | U         | 81  | 76.5 | 310        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 90    | U         | 90  | 76.5 | 310        | ug/Kg |
| 1912-24-9  | Atrazine                   | 70    | U         | 70  | 150  | 590        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 160   | U         | 160 | 150  | 590        | ug/Kg |
| 85-01-8    | Phenanthrene               | 88    | J         | 79  | 76.5 | 310        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 92    | U         | 92  | 76.5 | 310        | ug/Kg |
| 120-12-7   | Anthracene                 | 77    | U         | 77  | 76.5 | 310        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 59    | U         | 59  | 76.5 | 310        | ug/Kg |
| 86-74-8    | Carbazole                  | 81    | U         | 81  | 150  | 590        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 76    | U         | 76  | 76.5 | 310        | ug/Kg |
| 206-44-0   | Fluoranthene               | 180   | J         | 79  | 150  | 310        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | A4EH5     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-02  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 44.6                  |
| 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 |
| BM047891.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 160    | J         | 79     | 76.5 | 310        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 58     | U         | 58     | 76.5 | 310        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 41     | U         | 41     | 150  | 590        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 82     | J         | 70     | 76.5 | 310        | ug/Kg    |
| 218-01-9          | Chrysene                    | 94     | J         | 81     | 76.5 | 310        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 79     | U         | 79     | 76.5 | 310        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 61     | U         | 61     | 150  | 590        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 120    | J         | 76     | 76.5 | 310        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 81     | U         | 81     | 76.5 | 310        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 79     | J         | 76     | 76.5 | 310        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 67     | U         | 67     | 76.5 | 310        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 67     | U         | 67     | 76.5 | 310        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 63     | U         | 63     | 76.5 | 310        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 67     | U         | 67     | 76.5 | 310        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.216  |           | 15-120 |      | 40         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 14.558 |           | 20-120 |      | 36         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 18.716 |           | 10-130 |      | 47         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 15.905 |           | 10-150 |      | 40         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 21.467 |           | 15-120 |      | 54         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 20.496 |           | 10-140 |      | 51         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 21.602 |           | 10-135 |      | 54         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 25.058 |           | 10-120 |      | 63         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 23.698 |           | 10-140 |      | 59         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 19.207 |           | 1-145  |      | 48         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 23.522 |           | 10-145 |      | 59         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 23.547 |           | 15-120 |      | 59         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 17.515 |           | 10-150 |      | 44         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 24.9   |           | 20-140 |      | 62         | SPK: -40 |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | A4EH5                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-02              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 44.6                  |
| 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 |
| BM047891.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number                            | Parameter                      | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|--------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2  | 13.938  |           | 10-130 |     | 35         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                 | 23.721  |           | 10-150 |     | 59         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                     | 26.343  |           | 10-130 |     | 66         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12             | 25.188  |           | 10-140 |     | 63         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4         | 270675  | 7.798     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                 | 1085049 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10               | 676960  | 14.433    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10               | 1410371 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                   | 1319466 | 21.397    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                   | 1507249 | 24.397    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                   | 360     | J         |        |     | 15.786     |          |
| 038444-84-7                           | 1,1-Biphenyl, 2,3,3-trichloro- | 130     | J         |        |     | 17.774     |          |
| 000057-10-3                           | n-Hexadecanoic acid            | 400     | J         |        |     | 18.068     |          |
|                                       | unknown-01                     | 310     | J         |        |     | 20.962     |          |
|                                       | (DEL) Alkane: Straight-Chain   | 550     | J         |        |     | 21.068     |          |
|                                       | unknown-02                     | 380     | J         |        |     | 21.25      |          |
|                                       | (DEL) Alkane: Straight-Chain   | 230     | J         |        |     | 21.592     |          |
| E966796                               | Total Alkanes                  | 780     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | A4EH8        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-05     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047892.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 16    | U         | 16  | 8    | 81         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 91    | U         | 91  | 99.6 | 400        | ug/Kg |
| 110-86-1       | Pyridine                    | 52    | U         | 52  | 200  | 400        | ug/Kg |
| 108-95-2       | Phenol                      | 42    | U         | 42  | 99.6 | 400        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 41    | U         | 41  | 99.6 | 400        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 34    | U         | 34  | 51.3 | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 36    | U         | 36  | 99.6 | 400        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 33    | U         | 33  | 99.6 | 400        | ug/Kg |
| 98-86-2        | Acetophenone                | 46    | U         | 46  | 99.6 | 400        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 39    | U         | 39  | 99.6 | 400        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 35    | U         | 35  | 51.3 | 210        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 28    | U         | 28  | 51.3 | 210        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 43    | U         | 43  | 51.3 | 210        | ug/Kg |
| 78-59-1        | Isophorone                  | 41    | U         | 41  | 51.3 | 210        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 39    | U         | 39  | 51.3 | 210        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 34    | U         | 34  | 51.3 | 210        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 46    | U         | 46  | 51.3 | 210        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 47    | U         | 47  | 51.3 | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 41    | U         | 41  | 51.3 | 210        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 52    | U         | 52  | 51.3 | 400        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 41    | U         | 41  | 51.3 | 210        | ug/Kg |
| 105-60-2       | Caprolactam                 | 140   | U         | 140 | 99.6 | 400        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 34    | U         | 34  | 51.3 | 210        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 50    | U         | 50  | 51.3 | 210        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 45    | U         | 45  | 51.3 | 210        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 95    | U         | 95  | 99.6 | 400        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 52    | U         | 52  | 51.3 | 210        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 51    | U         | 51  | 51.3 | 210        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | A4EH8        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-05     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047892.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 58    | U         | 58  | 51.3 | 210        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 54    | U         | 54  | 51.3 | 210        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 27    | U         | 27  | 51.3 | 210        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 51    | U         | 51  | 51.3 | 210        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 25    | U         | 25  | 51.3 | 210        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 52    | U         | 52  | 51.3 | 210        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 24    | U         | 24  | 99.6 | 400        | ug/Kg |
| 83-32-9    | Acenaphthene               | 50    | U         | 50  | 51.3 | 210        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 140   | U         | 140 | 99.6 | 400        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 50    | U         | 50  | 99.6 | 400        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 56    | U         | 56  | 51.3 | 210        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 33    | U         | 33  | 51.3 | 210        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 72    | U         | 72  | 51.3 | 210        | ug/Kg |
| 86-73-7    | Fluorene                   | 54    | U         | 54  | 51.3 | 210        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 57    | U         | 57  | 51.3 | 210        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 51    | U         | 51  | 99.6 | 400        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 19    | U         | 19  | 99.6 | 400        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 51    | U         | 51  | 51.3 | 210        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 62    | U         | 62  | 51.3 | 210        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 54    | U         | 54  | 51.3 | 210        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 60    | U         | 60  | 51.3 | 210        | ug/Kg |
| 1912-24-9  | Atrazine                   | 47    | U         | 47  | 99.6 | 400        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 110   | U         | 110 | 99.6 | 400        | ug/Kg |
| 85-01-8    | Phenanthrene               | 53    | U         | 53  | 51.3 | 210        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 62    | U         | 62  | 51.3 | 210        | ug/Kg |
| 120-12-7   | Anthracene                 | 52    | U         | 52  | 51.3 | 210        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 40    | U         | 40  | 51.3 | 210        | ug/Kg |
| 86-74-8    | Carbazole                  | 54    | U         | 54  | 99.6 | 400        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 51    | U         | 51  | 51.3 | 210        | ug/Kg |
| 206-44-0   | Fluoranthene               | 53    | U         | 53  | 99.6 | 210        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | A4EH8        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-05     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047892.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 53     | U         | 53     | 51.3 | 210        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 39     | U         | 39     | 51.3 | 210        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 28     | U         | 28     | 99.6 | 400        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 47     | U         | 47     | 51.3 | 210        | ug/Kg    |
| 218-01-9          | Chrysene                    | 54     | U         | 54     | 51.3 | 210        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 53     | U         | 53     | 51.3 | 210        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 41     | U         | 41     | 99.6 | 400        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 51     | U         | 51     | 51.3 | 210        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 54     | U         | 54     | 51.3 | 210        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 51     | U         | 51     | 51.3 | 210        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 45     | U         | 45     | 51.3 | 210        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 45     | U         | 45     | 51.3 | 210        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 42     | U         | 42     | 51.3 | 210        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 45     | U         | 45     | 51.3 | 210        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.512  |           | 15-120 |      | 31         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 12.437 |           | 20-120 |      | 31         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 15.305 |           | 10-130 |      | 38         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 12.809 |           | 10-150 |      | 32         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 17.698 |           | 15-120 |      | 44         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 16.783 |           | 10-140 |      | 42         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 17.813 |           | 10-135 |      | 45         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 19.96  |           | 10-120 |      | 50         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 19.106 |           | 10-140 |      | 48         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 16.942 |           | 1-145  |      | 42         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 19.82  |           | 10-145 |      | 50         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 19.461 |           | 15-120 |      | 49         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 15.033 |           | 10-150 |      | 38         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 20.739 |           | 20-140 |      | 52         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | A4EH8        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-05     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 17.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047892.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 12.06   |           | 10-130 |     | 30         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 20.205  |           | 10-150 |     | 51         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 22.648  |           | 10-130 |     | 57         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 21.655  |           | 10-140 |     | 54         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 295216  | 7.798     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 1183381 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 741314  | 14.433    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1521260 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1416076 | 21.397    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1612203 | 24.391    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                       | 200     | J         |        |     | 15.786     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 180     | J         |        |     | 18.062     |          |
| 1000406-04-8                          | Pentadecafluorooctanoic acid, octa | 100     | J         |        |     | 21.074     |          |
| E966796                               | Total Alkanes                      | 58      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | A4EJ9        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-07     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 50.8                  |
| 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 |
| BM047893.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 26    | U         | 26  | 13.4 | 140        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 150   | U         | 150 | 170  | 670        | ug/Kg |
| 110-86-1       | Pyridine                    | 87    | U         | 87  | 340  | 670        | ug/Kg |
| 108-95-2       | Phenol                      | 71    | U         | 71  | 170  | 670        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 69    | U         | 69  | 170  | 670        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 57    | U         | 57  | 86.4 | 350        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 61    | U         | 61  | 170  | 670        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 55    | U         | 55  | 170  | 670        | ug/Kg |
| 98-86-2        | Acetophenone                | 120   | J         | 77  | 170  | 670        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 65    | U         | 65  | 170  | 670        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 59    | U         | 59  | 86.4 | 350        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 47    | U         | 47  | 86.4 | 350        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 73    | U         | 73  | 86.4 | 350        | ug/Kg |
| 78-59-1        | Isophorone                  | 69    | U         | 69  | 86.4 | 350        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 65    | U         | 65  | 86.4 | 350        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 57    | U         | 57  | 86.4 | 350        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 77    | U         | 77  | 86.4 | 350        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 79    | U         | 79  | 86.4 | 350        | ug/Kg |
| 91-20-3        | Naphthalene                 | 77    | J         | 69  | 86.4 | 350        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 87    | U         | 87  | 86.4 | 670        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 69    | U         | 69  | 86.4 | 350        | ug/Kg |
| 105-60-2       | Caprolactam                 | 240   | U         | 240 | 170  | 670        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 57    | U         | 57  | 86.4 | 350        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 83    | U         | 83  | 86.4 | 350        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 75    | U         | 75  | 86.4 | 350        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 160   | U         | 160 | 170  | 670        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 87    | U         | 87  | 86.4 | 350        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 85    | U         | 85  | 86.4 | 350        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | A4EJ9     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-07  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 50.8                  |
| 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 |
| BM047893.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 98    | U         | 98  | 86.4 | 350        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 91    | U         | 91  | 86.4 | 350        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 45    | U         | 45  | 86.4 | 350        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 85    | U         | 85  | 86.4 | 350        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 43    | U         | 43  | 86.4 | 350        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 87    | U         | 87  | 86.4 | 350        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 41    | U         | 41  | 170  | 670        | ug/Kg |
| 83-32-9    | Acenaphthene               | 110   | J         | 83  | 86.4 | 350        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 240   | U         | 240 | 170  | 670        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 83    | U         | 83  | 170  | 670        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 93    | U         | 93  | 86.4 | 350        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 55    | U         | 55  | 86.4 | 350        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 120   | U         | 120 | 86.4 | 350        | ug/Kg |
| 86-73-7    | Fluorene                   | 100   | J         | 91  | 86.4 | 350        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 96    | U         | 96  | 86.4 | 350        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 85    | U         | 85  | 170  | 670        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 33    | U         | 33  | 170  | 670        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 85    | U         | 85  | 86.4 | 350        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 100   | U         | 100 | 86.4 | 350        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 91    | U         | 91  | 86.4 | 350        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 100   | U         | 100 | 86.4 | 350        | ug/Kg |
| 1912-24-9  | Atrazine                   | 79    | U         | 79  | 170  | 670        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 180   | U         | 180 | 170  | 670        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1000  |           | 89  | 86.4 | 350        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 100   | U         | 100 | 86.4 | 350        | ug/Kg |
| 120-12-7   | Anthracene                 | 180   | J         | 87  | 86.4 | 350        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 67    | U         | 67  | 86.4 | 350        | ug/Kg |
| 86-74-8    | Carbazole                  | 110   | J         | 91  | 170  | 670        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 85    | U         | 85  | 86.4 | 350        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1200  |           | 89  | 170  | 350        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | A4EJ9        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-07     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 50.8                  |
| 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 |
| BM047893.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 700    |           | 89     | 86.4 | 350        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 65     | U         | 65     | 86.4 | 350        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 47     | U         | 47     | 170  | 670        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 450    |           | 79     | 86.4 | 350        | ug/Kg    |
| 218-01-9          | Chrysene                    | 440    |           | 91     | 86.4 | 350        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 89     | U         | 89     | 86.4 | 350        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 69     | U         | 69     | 170  | 670        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 500    |           | 85     | 86.4 | 350        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 190    | J         | 91     | 86.4 | 350        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 180    | J         | 85     | 86.4 | 350        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 120    | J         | 75     | 86.4 | 350        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 75     | U         | 75     | 86.4 | 350        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 71     | U         | 71     | 86.4 | 350        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 75     | U         | 75     | 86.4 | 350        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 1.65   |           | 15-120 |      | 21         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.918  | *         | 20-120 |      | 2          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 9.177  |           | 10-130 |      | 23         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 7.981  |           | 10-150 |      | 20         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 10.828 |           | 15-120 |      | 27         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 9.322  |           | 10-140 |      | 23         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 10.418 |           | 10-135 |      | 26         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 11.632 |           | 10-120 |      | 29         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 11.389 |           | 10-140 |      | 28         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 8.194  |           | 1-145  |      | 20         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 11.042 |           | 10-145 |      | 28         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 10.659 |           | 15-120 |      | 27         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 7.313  |           | 10-150 |      | 18         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 11.423 |           | 20-140 |      | 29         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | A4EJ9        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-07     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 50.8                  |
| 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 |
| BM047893.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number                            | Parameter                        | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|----------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2    | 5.625   |           | 10-130 |     | 14         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                   | 10.69   |           | 10-150 |     | 27         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                       | 10.088  |           | 10-130 |     | 25         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12               | 6.913   |           | 10-140 |     | 17         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                  |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4           | 311409  | 7.799     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                   | 1243265 | 10.587    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                 | 759985  | 14.434    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                 | 1558042 | 17.169    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                     | 1477216 | 21.398    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                     | 1670288 | 24.398    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                  |         |           |        |     |            |          |
| 000123-42-2                           | 2-Pentanone, 4-hydroxy-4-methyl- | 140     | A         |        |     | 4.917      |          |
| 000119-61-9                           | Benzophenone                     | 170     | J         |        |     | 15.786     |          |
| 000057-10-3                           | n-Hexadecanoic acid              | 230     | J         |        |     | 18.063     |          |
| 000203-64-5                           | 4H-Cyclopenta[def]phenanthrene   | 220     | J         |        |     | 18.239     |          |
| E966796                               | Total Alkanes                    | 98      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/18/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 9/18/2024 12:00:00 AM       |
| Client Sample ID:  | A4EK0                 | SDG No.:        | BM100724                    |
| Lab Sample ID:     | P4109-08              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 45.2                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047894.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 24    | U         | 24  | 12   | 120        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 140   | U         | 140 | 150  | 600        | ug/Kg |
| 110-86-1       | Pyridine                    | 78    | U         | 78  | 300  | 600        | ug/Kg |
| 108-95-2       | Phenol                      | 64    | U         | 64  | 150  | 600        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 62    | U         | 62  | 150  | 600        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 51    | U         | 51  | 77.3 | 310        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 55    | U         | 55  | 150  | 600        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 49    | U         | 49  | 150  | 600        | ug/Kg |
| 98-86-2        | Acetophenone                | 69    | U         | 69  | 150  | 600        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 58    | U         | 58  | 150  | 600        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 53    | U         | 53  | 77.3 | 310        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 42    | U         | 42  | 77.3 | 310        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 65    | U         | 65  | 77.3 | 310        | ug/Kg |
| 78-59-1        | Isophorone                  | 62    | U         | 62  | 77.3 | 310        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 58    | U         | 58  | 77.3 | 310        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 51    | U         | 51  | 77.3 | 310        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 69    | U         | 69  | 77.3 | 310        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 71    | U         | 71  | 77.3 | 310        | ug/Kg |
| 91-20-3        | Naphthalene                 | 62    | U         | 62  | 77.3 | 310        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 78    | U         | 78  | 77.3 | 600        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 62    | U         | 62  | 77.3 | 310        | ug/Kg |
| 105-60-2       | Caprolactam                 | 220   | U         | 220 | 150  | 600        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 51    | U         | 51  | 77.3 | 310        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 75    | U         | 75  | 77.3 | 310        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 67    | U         | 67  | 77.3 | 310        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 140   | U         | 140 | 150  | 600        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 78    | U         | 78  | 77.3 | 310        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 76    | U         | 76  | 77.3 | 310        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | A4EK0                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-08              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 45.2                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500              uL   |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047894.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 87    | U         | 87  | 77.3 | 310        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 82    | U         | 82  | 77.3 | 310        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 40    | U         | 40  | 77.3 | 310        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 76    | U         | 76  | 77.3 | 310        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 38    | U         | 38  | 77.3 | 310        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 78    | U         | 78  | 77.3 | 310        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 36    | U         | 36  | 150  | 600        | ug/Kg |
| 83-32-9    | Acenaphthene               | 75    | U         | 75  | 77.3 | 310        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 220   | U         | 220 | 150  | 600        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 75    | U         | 75  | 150  | 600        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 84    | U         | 84  | 77.3 | 310        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 49    | U         | 49  | 77.3 | 310        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 110   | U         | 110 | 77.3 | 310        | ug/Kg |
| 86-73-7    | Fluorene                   | 82    | U         | 82  | 77.3 | 310        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 85    | U         | 85  | 77.3 | 310        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 76    | U         | 76  | 150  | 600        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 29    | U         | 29  | 150  | 600        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 76    | U         | 76  | 77.3 | 310        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 93    | U         | 93  | 77.3 | 310        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 82    | U         | 82  | 77.3 | 310        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 91    | U         | 91  | 77.3 | 310        | ug/Kg |
| 1912-24-9  | Atrazine                   | 71    | U         | 71  | 150  | 600        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 160   | U         | 160 | 150  | 600        | ug/Kg |
| 85-01-8    | Phenanthrene               | 80    | U         | 80  | 77.3 | 310        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 93    | U         | 93  | 77.3 | 310        | ug/Kg |
| 120-12-7   | Anthracene                 | 78    | U         | 78  | 77.3 | 310        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 60    | U         | 60  | 77.3 | 310        | ug/Kg |
| 86-74-8    | Carbazole                  | 82    | U         | 82  | 150  | 600        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 76    | U         | 76  | 77.3 | 310        | ug/Kg |
| 206-44-0   | Fluoranthene               | 110   | J         | 80  | 150  | 310        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | A4EK0                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-08              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 45.2                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047894.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 91     | J         | 80     | 77.3 | 310        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 58     | U         | 58     | 77.3 | 310        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 42     | U         | 42     | 150  | 600        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 71     | U         | 71     | 77.3 | 310        | ug/Kg    |
| 218-01-9          | Chrysene                    | 82     | U         | 82     | 77.3 | 310        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 80     | U         | 80     | 77.3 | 310        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 62     | U         | 62     | 150  | 600        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 76     | U         | 76     | 77.3 | 310        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 82     | U         | 82     | 77.3 | 310        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 76     | U         | 76     | 77.3 | 310        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 67     | U         | 67     | 77.3 | 310        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 67     | U         | 67     | 77.3 | 310        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 64     | U         | 64     | 77.3 | 310        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 67     | U         | 67     | 77.3 | 310        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.989  |           | 15-120 |      | 37         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 14.571 |           | 20-120 |      | 36         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 18.972 |           | 10-130 |      | 47         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 15.884 |           | 10-150 |      | 40         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 21.471 |           | 15-120 |      | 54         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 21.356 |           | 10-140 |      | 53         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 22.329 |           | 10-135 |      | 56         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 25.372 |           | 10-120 |      | 63         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 24.218 |           | 10-140 |      | 61         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 21.227 |           | 1-145  |      | 53         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 24.847 |           | 10-145 |      | 62         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 24.55  |           | 15-120 |      | 61         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 19.239 |           | 10-150 |      | 48         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.929 |           | 20-140 |      | 65         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/18/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/18/2024 12:00:00 AM |
| Client Sample ID:  | A4EK0              | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-08           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 45.2                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047894.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 14.858  |           | 10-130 |     | 37         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 24.955  |           | 10-150 |     | 62         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 28.447  |           | 10-130 |     | 71         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 27.108  |           | 10-140 |     | 68         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 341446  | 7.798     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1397120 | 10.592    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 878497  | 14.433    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1779100 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1641288 | 21.397    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1891362 | 24.397    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 270     | J         |        |     | 15.786     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 480     | J         |        |     | 18.068     |          |
|                                       | (DEL) Alkane: Straight-Chain  | 21.074  | J         |        |     | 21.074     |          |
| E966796                               | Total Alkanes                 | 340     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4ET8                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-16              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 34.2                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047895.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 20    | U         | 20  | 10   | 100        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 110   | U         | 110 | 120  | 500        | ug/Kg |
| 110-86-1       | Pyridine                    | 65    | U         | 65  | 250  | 500        | ug/Kg |
| 108-95-2       | Phenol                      | 53    | U         | 53  | 120  | 500        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 52    | U         | 52  | 120  | 500        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 42    | U         | 42  | 64.4 | 260        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 45    | U         | 45  | 120  | 500        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 41    | U         | 41  | 120  | 500        | ug/Kg |
| 98-86-2        | Acetophenone                | 58    | U         | 58  | 120  | 500        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 48    | U         | 48  | 120  | 500        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 44    | U         | 44  | 64.4 | 260        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 35    | U         | 35  | 64.4 | 260        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 55    | U         | 55  | 64.4 | 260        | ug/Kg |
| 78-59-1        | Isophorone                  | 52    | U         | 52  | 64.4 | 260        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 48    | U         | 48  | 64.4 | 260        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 42    | U         | 42  | 64.4 | 260        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 58    | U         | 58  | 64.4 | 260        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 59    | U         | 59  | 64.4 | 260        | ug/Kg |
| 91-20-3        | Naphthalene                 | 52    | U         | 52  | 64.4 | 260        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 65    | U         | 65  | 64.4 | 500        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 52    | U         | 52  | 64.4 | 260        | ug/Kg |
| 105-60-2       | Caprolactam                 | 180   | U         | 180 | 120  | 500        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 42    | U         | 42  | 64.4 | 260        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 62    | U         | 62  | 64.4 | 260        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 56    | U         | 56  | 64.4 | 260        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 120   | U         | 120 | 120  | 500        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 65    | U         | 65  | 64.4 | 260        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 64    | U         | 64  | 64.4 | 260        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4ET8                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-16              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 34.2                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047895.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 73    | U         | 73  | 64.4 | 260        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 68    | U         | 68  | 64.4 | 260        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 33    | U         | 33  | 64.4 | 260        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 64    | U         | 64  | 64.4 | 260        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 32    | U         | 32  | 64.4 | 260        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 65    | U         | 65  | 64.4 | 260        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 30    | U         | 30  | 120  | 500        | ug/Kg |
| 83-32-9    | Acenaphthene               | 62    | U         | 62  | 64.4 | 260        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 180   | U         | 180 | 120  | 500        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 62    | U         | 62  | 120  | 500        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 70    | U         | 70  | 64.4 | 260        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 41    | U         | 41  | 64.4 | 260        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 91    | U         | 91  | 64.4 | 260        | ug/Kg |
| 86-73-7    | Fluorene                   | 68    | U         | 68  | 64.4 | 260        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 71    | U         | 71  | 64.4 | 260        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 64    | U         | 64  | 120  | 500        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 24    | U         | 24  | 120  | 500        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 64    | U         | 64  | 64.4 | 260        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 77    | U         | 77  | 64.4 | 260        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 68    | U         | 68  | 64.4 | 260        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 76    | U         | 76  | 64.4 | 260        | ug/Kg |
| 1912-24-9  | Atrazine                   | 59    | U         | 59  | 120  | 500        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 130   | U         | 130 | 120  | 500        | ug/Kg |
| 85-01-8    | Phenanthrene               | 67    | U         | 67  | 64.4 | 260        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 77    | U         | 77  | 64.4 | 260        | ug/Kg |
| 120-12-7   | Anthracene                 | 65    | U         | 65  | 64.4 | 260        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 50    | U         | 50  | 64.4 | 260        | ug/Kg |
| 86-74-8    | Carbazole                  | 68    | U         | 68  | 120  | 500        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 64    | U         | 64  | 64.4 | 260        | ug/Kg |
| 206-44-0   | Fluoranthene               | 67    | U         | 67  | 120  | 260        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4ET8                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-16              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 34.2                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047895.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 67     | U         | 67     | 64.4 | 260        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 48     | U         | 48     | 64.4 | 260        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 35     | U         | 35     | 120  | 500        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 59     | U         | 59     | 64.4 | 260        | ug/Kg    |
| 218-01-9          | Chrysene                    | 68     | U         | 68     | 64.4 | 260        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 67     | U         | 67     | 64.4 | 260        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 52     | U         | 52     | 120  | 500        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 64     | U         | 64     | 64.4 | 260        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 68     | U         | 68     | 64.4 | 260        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 64     | U         | 64     | 64.4 | 260        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 56     | U         | 56     | 64.4 | 260        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 56     | U         | 56     | 64.4 | 260        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 53     | U         | 53     | 64.4 | 260        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 56     | U         | 56     | 64.4 | 260        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.337  |           | 15-120 |      | 29         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 11.096 |           | 20-120 |      | 28         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 13.429 |           | 10-130 |      | 34         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 11.337 |           | 10-150 |      | 28         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 15.431 |           | 15-120 |      | 39         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 14.856 |           | 10-140 |      | 37         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 15.271 |           | 10-135 |      | 38         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 17.291 |           | 10-120 |      | 43         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 16.608 |           | 10-140 |      | 42         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 15.088 |           | 1-145  |      | 38         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 17.237 |           | 10-145 |      | 43         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 17.03  |           | 15-120 |      | 43         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 12.385 |           | 10-150 |      | 31         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 18.09  |           | 20-140 |      | 45         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4ET8              | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-16           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 34.2                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047895.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 9.442   |           | 10-130 |     | 24         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 17.533  |           | 10-150 |     | 44         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 19.64   |           | 10-130 |     | 49         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 19.006  |           | 10-140 |     | 48         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 313418  | 7.798     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1265638 | 10.592    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 796168  | 14.433    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1623557 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1525456 | 21.397    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1736637 | 24.397    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 170     | J         |        |     | 15.786     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 170     | J         |        |     | 18.062     |          |
| E966796                               | Total Alkanes                 | 73      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4EW2                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-20              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 59.6                  |
| 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 |
| BM047896.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 32    | U         | 32  | 16.3 | 160        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 190   | U         | 190 | 200  | 810        | ug/Kg |
| 110-86-1       | Pyridine                    | 110   | U         | 110 | 410  | 810        | ug/Kg |
| 108-95-2       | Phenol                      | 86    | U         | 86  | 200  | 810        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 84    | U         | 84  | 200  | 810        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 69    | U         | 69  | 100  | 420        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 74    | U         | 74  | 200  | 810        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 67    | U         | 67  | 200  | 810        | ug/Kg |
| 98-86-2        | Acetophenone                | 94    | U         | 94  | 200  | 810        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 79    | U         | 79  | 200  | 810        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 72    | U         | 72  | 100  | 420        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 57    | U         | 57  | 100  | 420        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 89    | U         | 89  | 100  | 420        | ug/Kg |
| 78-59-1        | Isophorone                  | 84    | U         | 84  | 100  | 420        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 79    | U         | 79  | 100  | 420        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 69    | U         | 69  | 100  | 420        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 94    | U         | 94  | 100  | 420        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 96    | U         | 96  | 100  | 420        | ug/Kg |
| 91-20-3        | Naphthalene                 | 84    | U         | 84  | 100  | 420        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 110   | U         | 110 | 100  | 810        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 84    | U         | 84  | 100  | 420        | ug/Kg |
| 105-60-2       | Caprolactam                 | 300   | U         | 300 | 200  | 810        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 69    | U         | 69  | 100  | 420        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 100   | U         | 100 | 100  | 420        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 91    | U         | 91  | 100  | 420        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 190   | U         | 190 | 200  | 810        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 110   | U         | 110 | 100  | 420        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 100   | U         | 100 | 100  | 420        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4EW2                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-20              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 59.6                  |
| 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 |
| BM047896.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 120   | U         | 120 | 100 | 420        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 110   | U         | 110 | 100 | 420        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 54    | U         | 54  | 100 | 420        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 100   | U         | 100 | 100 | 420        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 52    | U         | 52  | 100 | 420        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 110   | U         | 110 | 100 | 420        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 49    | U         | 49  | 200 | 810        | ug/Kg |
| 83-32-9    | Acenaphthene               | 100   | U         | 100 | 100 | 420        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 300   | U         | 300 | 200 | 810        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 100   | U         | 100 | 200 | 810        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 110   | U         | 110 | 100 | 420        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 67    | U         | 67  | 100 | 420        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 150   | U         | 150 | 100 | 420        | ug/Kg |
| 86-73-7    | Fluorene                   | 110   | U         | 110 | 100 | 420        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 120   | U         | 120 | 100 | 420        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 100   | U         | 100 | 200 | 810        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 39    | U         | 39  | 200 | 810        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 100   | U         | 100 | 100 | 420        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 130   | U         | 130 | 100 | 420        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 110   | U         | 110 | 100 | 420        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 120   | U         | 120 | 100 | 420        | ug/Kg |
| 1912-24-9  | Atrazine                   | 96    | U         | 96  | 200 | 810        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 210   | U         | 210 | 200 | 810        | ug/Kg |
| 85-01-8    | Phenanthrene               | 110   | U         | 110 | 100 | 420        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 130   | U         | 130 | 100 | 420        | ug/Kg |
| 120-12-7   | Anthracene                 | 110   | U         | 110 | 100 | 420        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 81    | U         | 81  | 100 | 420        | ug/Kg |
| 86-74-8    | Carbazole                  | 110   | U         | 110 | 200 | 810        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 100   | U         | 100 | 100 | 420        | ug/Kg |
| 206-44-0   | Fluoranthene               | 110   | U         | 110 | 200 | 420        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/19/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 9/19/2024 12:00:00 AM       |
| Client Sample ID:  | A4EW2                 | SDG No.:        | BM100724                    |
| Lab Sample ID:     | P4109-20              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 59.6                        |
| 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 |
| BM047896.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 110    | U         | 110    | 100 | 420        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 79     | U         | 79     | 100 | 420        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 57     | U         | 57     | 200 | 810        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 96     | U         | 96     | 100 | 420        | ug/Kg    |
| 218-01-9          | Chrysene                    | 110    | U         | 110    | 100 | 420        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 110    | U         | 110    | 100 | 420        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 84     | U         | 84     | 200 | 810        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 100    | U         | 100    | 100 | 420        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 110    | U         | 110    | 100 | 420        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 100    | U         | 100    | 100 | 420        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 91     | U         | 91     | 100 | 420        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 91     | U         | 91     | 100 | 420        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 86     | U         | 86     | 100 | 420        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 91     | U         | 91     | 100 | 420        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.363  |           | 15-120 |     | 30         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 10.322 |           | 20-120 |     | 26         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 14.405 |           | 10-130 |     | 36         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 12.521 |           | 10-150 |     | 31         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 16.93  |           | 15-120 |     | 42         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 16.274 |           | 10-140 |     | 41         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 16.762 |           | 10-135 |     | 42         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 19.31  |           | 10-120 |     | 48         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 18.524 |           | 10-140 |     | 46         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 14.11  |           | 1-145  |     | 35         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 19.397 |           | 10-145 |     | 48         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 18.694 |           | 15-120 |     | 47         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 13.101 |           | 10-150 |     | 33         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 20.079 |           | 20-140 |     | 50         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4EW2              | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-20           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 59.6                  |
| 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 |
| BM047896.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 10.873  |           | 10-130 |     | 27         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 19.261  |           | 10-150 |     | 48         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 21.58   |           | 10-130 |     | 54         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 20.931  |           | 10-140 |     | 52         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 287518  | 7.798     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 1170217 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 722462  | 14.433    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1472890 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1368607 | 21.397    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1544384 | 24.397    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                       | 270     | J         |        |     | 15.786     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 380     | J         |        |     | 18.062     |          |
| 1000406-04-8                          | Pentadecafluorooctanoic acid, octa | 200     | J         |        |     | 21.074     |          |
| E966796                               | Total Alkanes                      | 120     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4EW7     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-22  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 14.6                  |
| 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 |
| BM047897.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 7.7  | 78         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 88    | U         | 88  | 96.6 | 390        | ug/Kg |
| 110-86-1       | Pyridine                    | 50    | U         | 50  | 190  | 390        | ug/Kg |
| 108-95-2       | Phenol                      | 41    | U         | 41  | 96.6 | 390        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 40    | U         | 40  | 96.6 | 390        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 33    | U         | 33  | 49.8 | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 35    | U         | 35  | 96.6 | 390        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 32    | U         | 32  | 96.6 | 390        | ug/Kg |
| 98-86-2        | Acetophenone                | 44    | U         | 44  | 96.6 | 390        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 37    | U         | 37  | 96.6 | 390        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 34    | U         | 34  | 49.8 | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 27    | U         | 27  | 49.8 | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 42    | U         | 42  | 49.8 | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 40    | U         | 40  | 49.8 | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 37    | U         | 37  | 49.8 | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 33    | U         | 33  | 49.8 | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 44    | U         | 44  | 49.8 | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 46    | U         | 46  | 49.8 | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 40    | U         | 40  | 49.8 | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 50    | U         | 50  | 49.8 | 390        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 40    | U         | 40  | 49.8 | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 140   | U         | 140 | 96.6 | 390        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 33    | U         | 33  | 49.8 | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 48    | U         | 48  | 49.8 | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 43    | U         | 43  | 49.8 | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 93    | U         | 93  | 96.6 | 390        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 50    | U         | 50  | 49.8 | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 49    | U         | 49  | 49.8 | 200        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4EW7     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-22  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 14.6                  |
| 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 |
| BM047897.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 56    | U         | 56  | 49.8 | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 53    | U         | 53  | 49.8 | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 26    | U         | 26  | 49.8 | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 49    | U         | 49  | 49.8 | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 25    | U         | 25  | 49.8 | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 50    | U         | 50  | 49.8 | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 23    | U         | 23  | 96.6 | 390        | ug/Kg |
| 83-32-9    | Acenaphthene               | 48    | U         | 48  | 49.8 | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 140   | U         | 140 | 96.6 | 390        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 48    | U         | 48  | 96.6 | 390        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 54    | U         | 54  | 49.8 | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 32    | U         | 32  | 49.8 | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 70    | U         | 70  | 49.8 | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 53    | U         | 53  | 49.8 | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 55    | U         | 55  | 49.8 | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 49    | U         | 49  | 96.6 | 390        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 19    | U         | 19  | 96.6 | 390        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 49    | U         | 49  | 49.8 | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 60    | U         | 60  | 49.8 | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 53    | U         | 53  | 49.8 | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 59    | U         | 59  | 49.8 | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 46    | U         | 46  | 96.6 | 390        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 100   | U         | 100 | 96.6 | 390        | ug/Kg |
| 85-01-8    | Phenanthrene               | 52    | U         | 52  | 49.8 | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 60    | U         | 60  | 49.8 | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 50    | U         | 50  | 49.8 | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 39    | U         | 39  | 49.8 | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 53    | U         | 53  | 96.6 | 390        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 49    | U         | 49  | 49.8 | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 52    | U         | 52  | 96.6 | 200        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4EW7        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-22     | 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 |
| BM047897.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 52     | U         | 52     | 49.8 | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 37     | U         | 37     | 49.8 | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 27     | U         | 27     | 96.6 | 390        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 46     | U         | 46     | 49.8 | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 53     | U         | 53     | 49.8 | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 52     | U         | 52     | 49.8 | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 40     | U         | 40     | 96.6 | 390        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 49     | U         | 49     | 49.8 | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 53     | U         | 53     | 49.8 | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 49     | U         | 49     | 49.8 | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 43     | U         | 43     | 49.8 | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 43     | U         | 43     | 49.8 | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 41     | U         | 41     | 49.8 | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 43     | U         | 43     | 49.8 | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.287  |           | 15-120 |      | 29         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 10.772 |           | 20-120 |      | 27         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 14.284 |           | 10-130 |      | 36         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 11.802 |           | 10-150 |      | 30         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 16.061 |           | 15-120 |      | 40         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 15.666 |           | 10-140 |      | 39         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 15.61  |           | 10-135 |      | 39         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 17.961 |           | 10-120 |      | 45         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 17.25  |           | 10-140 |      | 43         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 14.411 |           | 1-145  |      | 36         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 17.701 |           | 10-145 |      | 44         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 17.325 |           | 15-120 |      | 43         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 12.68  |           | 10-150 |      | 32         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 18.167 |           | 20-140 |      | 45         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4EW7        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-22     | 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 |
| BM047897.D        | 1         | 9/24/2024 12:00:00 AM | 10/7/2024 12:00:00 AM | PB163648      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 10.029  |           | 10-130 |     | 25         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 17.541  |           | 10-150 |     | 44         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 19.385  |           | 10-130 |     | 48         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 18.628  |           | 10-140 |     | 47         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 297426  | 7.798     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1220030 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 758640  | 14.433    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1543985 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1426292 | 21.392    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1618720 | 24.397    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 110     | J         |        |     | 15.786     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 170     | J         |        |     | 18.063     |          |
|                                       | (DEL) Alkane: Straight-Chain  | 21.068  | J         |        |     | 21.068     |          |
| E966796                               | Total Alkanes                 | 130     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4ET9        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-17     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 59.7                  |
| 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 |
| BM047898.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163648      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 32    | U         | 32  | 16.4 | 170        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 190   | U         | 190 | 200  | 820        | ug/Kg |
| 110-86-1       | Pyridine                    | 110   | U         | 110 | 410  | 820        | ug/Kg |
| 108-95-2       | Phenol                      | 87    | U         | 87  | 200  | 820        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 84    | U         | 84  | 200  | 820        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 69    | U         | 69  | 110  | 420        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 74    | U         | 74  | 200  | 820        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 67    | U         | 67  | 200  | 820        | ug/Kg |
| 98-86-2        | Acetophenone                | 94    | U         | 94  | 200  | 820        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 79    | U         | 79  | 200  | 820        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 72    | U         | 72  | 110  | 420        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 57    | U         | 57  | 110  | 420        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 89    | U         | 89  | 110  | 420        | ug/Kg |
| 78-59-1        | Isophorone                  | 84    | U         | 84  | 110  | 420        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 79    | U         | 79  | 110  | 420        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 69    | U         | 69  | 110  | 420        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 94    | U         | 94  | 110  | 420        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 97    | U         | 97  | 110  | 420        | ug/Kg |
| 91-20-3        | Naphthalene                 | 84    | U         | 84  | 110  | 420        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 110   | U         | 110 | 110  | 820        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 84    | U         | 84  | 110  | 420        | ug/Kg |
| 105-60-2       | Caprolactam                 | 300   | U         | 300 | 200  | 820        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 69    | U         | 69  | 110  | 420        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 100   | U         | 100 | 110  | 420        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 92    | U         | 92  | 110  | 420        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 200   | U         | 200 | 200  | 820        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 110   | U         | 110 | 110  | 420        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 100   | U         | 100 | 110  | 420        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4ET9        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-17     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 59.7                  |
| 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 |
| BM047898.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163648      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 120   | U         | 120 | 110 | 420        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 110   | U         | 110 | 110 | 420        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 55    | U         | 55  | 110 | 420        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 100   | U         | 100 | 110 | 420        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 52    | U         | 52  | 110 | 420        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 110   | U         | 110 | 110 | 420        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 50    | U         | 50  | 200 | 820        | ug/Kg |
| 83-32-9    | Acenaphthene               | 100   | U         | 100 | 110 | 420        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 300   | U         | 300 | 200 | 820        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 100   | U         | 100 | 200 | 820        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 110   | U         | 110 | 110 | 420        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 67    | U         | 67  | 110 | 420        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 150   | U         | 150 | 110 | 420        | ug/Kg |
| 86-73-7    | Fluorene                   | 110   | U         | 110 | 110 | 420        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 120   | U         | 120 | 110 | 420        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 100   | U         | 100 | 200 | 820        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 40    | U         | 40  | 200 | 820        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 100   | U         | 100 | 110 | 420        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 130   | U         | 130 | 110 | 420        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 110   | U         | 110 | 110 | 420        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 120   | U         | 120 | 110 | 420        | ug/Kg |
| 1912-24-9  | Atrazine                   | 97    | U         | 97  | 200 | 820        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 220   | U         | 220 | 200 | 820        | ug/Kg |
| 85-01-8    | Phenanthrene               | 110   | U         | 110 | 110 | 420        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 130   | U         | 130 | 110 | 420        | ug/Kg |
| 120-12-7   | Anthracene                 | 110   | U         | 110 | 110 | 420        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 82    | U         | 82  | 110 | 420        | ug/Kg |
| 86-74-8    | Carbazole                  | 110   | U         | 110 | 200 | 820        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 100   | U         | 100 | 110 | 420        | ug/Kg |
| 206-44-0   | Fluoranthene               | 170   | J         | 110 | 200 | 420        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4ET9        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-17     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 59.7                  |
| 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 |
| BM047898.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163648      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 110   | U         | 110    | 110 | 420        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 79    | U         | 79     | 110 | 420        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 57    | U         | 57     | 200 | 820        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 97    | U         | 97     | 110 | 420        | ug/Kg    |
| 218-01-9          | Chrysene                    | 110   | U         | 110    | 110 | 420        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 110   | U         | 110    | 110 | 420        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 84    | U         | 84     | 200 | 820        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 110   | J         | 100    | 110 | 420        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 110   | U         | 110    | 110 | 420        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 100   | U         | 100    | 110 | 420        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 92    | U         | 92     | 110 | 420        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 92    | U         | 92     | 110 | 420        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 87    | U         | 87     | 110 | 420        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 92    | U         | 92     | 110 | 420        | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |     |            |          |
| 7291-22-7         | Pyridine-d5                 | 0.34  | U         | 20-120 |     | 0          | SPK: -40 |
| 17647-74-4        | 1,4-Dioxane-d8              | 0.766 | *         | 15-120 |     | 10         | SPK: -8  |
| 4165-62-2         | Phenol-d5                   | 4.889 |           | 10-130 |     | 12         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 4.123 |           | 10-150 |     | 10         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 5.597 | *         | 15-120 |     | 14         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 4.351 |           | 10-140 |     | 11         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 5.187 |           | 10-135 |     | 13         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 5.597 |           | 10-120 |     | 14         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 5.879 |           | 10-140 |     | 15         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 2.955 |           | 1-145  |     | 7          | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 6.166 |           | 10-145 |     | 15         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 5.772 | *         | 15-120 |     | 14         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 3.257 | *         | 10-150 |     | 8          | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 6.421 | *         | 20-140 |     | 16         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4ET9        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-17     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 59.7                  |
| 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 |
| BM047898.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163648      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 2.446   | *         | 10-130 |     | 6          | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 5.95    |           | 10-150 |     | 15         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 5.388   |           | 10-130 |     | 13         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 3.645   | *         | 10-140 |     | 9          | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 322342  | 7.798     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1299345 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 810584  | 14.433    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1673424 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1572091 | 21.398    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1779811 | 24.391    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 120     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4EW0                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-18              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 18.2                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047899.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163648      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 16    | U         | 16  | 8    | 81         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 91    | U         | 91  | 100  | 400        | ug/Kg |
| 110-86-1       | Pyridine                    | 52    | U         | 52  | 200  | 400        | ug/Kg |
| 108-95-2       | Phenol                      | 43    | U         | 43  | 100  | 400        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 41    | U         | 41  | 100  | 400        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 34    | U         | 34  | 51.8 | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 37    | U         | 37  | 100  | 400        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 33    | U         | 33  | 100  | 400        | ug/Kg |
| 98-86-2        | Acetophenone                | 46    | U         | 46  | 100  | 400        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 39    | U         | 39  | 100  | 400        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 35    | U         | 35  | 51.8 | 210        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 28    | U         | 28  | 51.8 | 210        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 44    | U         | 44  | 51.8 | 210        | ug/Kg |
| 78-59-1        | Isophorone                  | 41    | U         | 41  | 51.8 | 210        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 39    | U         | 39  | 51.8 | 210        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 34    | U         | 34  | 51.8 | 210        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 46    | U         | 46  | 51.8 | 210        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 48    | U         | 48  | 51.8 | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 41    | U         | 41  | 51.8 | 210        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 52    | U         | 52  | 51.8 | 400        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 41    | U         | 41  | 51.8 | 210        | ug/Kg |
| 105-60-2       | Caprolactam                 | 150   | U         | 150 | 100  | 400        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 34    | U         | 34  | 51.8 | 210        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 50    | U         | 50  | 51.8 | 210        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 45    | U         | 45  | 51.8 | 210        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 96    | U         | 96  | 100  | 400        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 52    | U         | 52  | 51.8 | 210        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 51    | U         | 51  | 51.8 | 210        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4EW0                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-18              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 18.2                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500              uL   |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047899.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163648      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 58    | U         | 58  | 51.8 | 210        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 55    | U         | 55  | 51.8 | 210        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 27    | U         | 27  | 51.8 | 210        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 51    | U         | 51  | 51.8 | 210        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 26    | U         | 26  | 51.8 | 210        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 52    | U         | 52  | 51.8 | 210        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 24    | U         | 24  | 100  | 400        | ug/Kg |
| 83-32-9    | Acenaphthene               | 50    | U         | 50  | 51.8 | 210        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 150   | U         | 150 | 100  | 400        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 50    | U         | 50  | 100  | 400        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 56    | U         | 56  | 51.8 | 210        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 33    | U         | 33  | 51.8 | 210        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 73    | U         | 73  | 51.8 | 210        | ug/Kg |
| 86-73-7    | Fluorene                   | 55    | U         | 55  | 51.8 | 210        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 57    | U         | 57  | 51.8 | 210        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 51    | U         | 51  | 100  | 400        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 19    | U         | 19  | 100  | 400        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 51    | U         | 51  | 51.8 | 210        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 62    | U         | 62  | 51.8 | 210        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 55    | U         | 55  | 51.8 | 210        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 61    | U         | 61  | 51.8 | 210        | ug/Kg |
| 1912-24-9  | Atrazine                   | 48    | U         | 48  | 100  | 400        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 110   | U         | 110 | 100  | 400        | ug/Kg |
| 85-01-8    | Phenanthrene               | 54    | U         | 54  | 51.8 | 210        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 62    | U         | 62  | 51.8 | 210        | ug/Kg |
| 120-12-7   | Anthracene                 | 52    | U         | 52  | 51.8 | 210        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 40    | U         | 40  | 51.8 | 210        | ug/Kg |
| 86-74-8    | Carbazole                  | 55    | U         | 55  | 100  | 400        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 51    | U         | 51  | 51.8 | 210        | ug/Kg |
| 206-44-0   | Fluoranthene               | 54    | U         | 54  | 100  | 210        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4EW0                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-18              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 18.2                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047899.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163648      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 54     | U         | 54     | 51.8 | 210        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 39     | U         | 39     | 51.8 | 210        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 28     | U         | 28     | 100  | 400        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 48     | U         | 48     | 51.8 | 210        | ug/Kg    |
| 218-01-9          | Chrysene                    | 55     | U         | 55     | 51.8 | 210        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 54     | U         | 54     | 51.8 | 210        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 41     | U         | 41     | 100  | 400        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 51     | U         | 51     | 51.8 | 210        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 55     | U         | 55     | 51.8 | 210        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 51     | U         | 51     | 51.8 | 210        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 45     | U         | 45     | 51.8 | 210        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 45     | U         | 45     | 51.8 | 210        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 43     | U         | 43     | 51.8 | 210        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 45     | U         | 45     | 51.8 | 210        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.773  |           | 15-120 |      | 35         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 13.685 |           | 20-120 |      | 34         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 18.446 |           | 10-130 |      | 46         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 15.381 |           | 10-150 |      | 38         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 20.536 |           | 15-120 |      | 51         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 21.026 |           | 10-140 |      | 53         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 21.903 |           | 10-135 |      | 55         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 24.83  |           | 10-120 |      | 62         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 23.554 |           | 10-140 |      | 59         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 21.321 |           | 1-145  |      | 53         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 25.067 |           | 10-145 |      | 63         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 24.623 |           | 15-120 |      | 62         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 18.803 |           | 10-150 |      | 47         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.989 |           | 20-140 |      | 65         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4EW0              | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-18           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 18.2                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047899.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163648      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 13.7    |           | 10-130 |     | 34         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 24.909  |           | 10-150 |     | 62         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 27.876  |           | 10-130 |     | 70         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 26.974  |           | 10-140 |     | 67         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 281797  | 7.798     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1151104 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 709550  | 14.433    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1423390 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1322580 | 21.397    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1498666 | 24.391    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 160     | J         |        |     | 15.786     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 210     | J         |        |     | 18.068     |          |
|                                       | (DEL) Alkane: Straight-Chain  | 200     | J         |        |     | 21.068     |          |
| E966796                               | Total Alkanes                 | 200     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4EW1        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-19     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 59.9                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047900.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163648      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 32    | U         | 32  | 16.5 | 170        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 190   | U         | 190 | 210  | 820        | ug/Kg |
| 110-86-1       | Pyridine                    | 110   | U         | 110 | 410  | 820        | ug/Kg |
| 108-95-2       | Phenol                      | 87    | U         | 87  | 210  | 820        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 85    | U         | 85  | 210  | 820        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 70    | U         | 70  | 110  | 420        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 75    | U         | 75  | 210  | 820        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 67    | U         | 67  | 210  | 820        | ug/Kg |
| 98-86-2        | Acetophenone                | 95    | U         | 95  | 210  | 820        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 80    | U         | 80  | 210  | 820        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 72    | U         | 72  | 110  | 420        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 57    | U         | 57  | 110  | 420        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 90    | U         | 90  | 110  | 420        | ug/Kg |
| 78-59-1        | Isophorone                  | 85    | U         | 85  | 110  | 420        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 80    | U         | 80  | 110  | 420        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 70    | U         | 70  | 110  | 420        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 95    | U         | 95  | 110  | 420        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 97    | U         | 97  | 110  | 420        | ug/Kg |
| 91-20-3        | Naphthalene                 | 85    | U         | 85  | 110  | 420        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 110   | U         | 110 | 110  | 820        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 85    | U         | 85  | 110  | 420        | ug/Kg |
| 105-60-2       | Caprolactam                 | 300   | U         | 300 | 210  | 820        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 70    | U         | 70  | 110  | 420        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 100   | U         | 100 | 110  | 420        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 92    | U         | 92  | 110  | 420        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 200   | U         | 200 | 210  | 820        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 110   | U         | 110 | 110  | 420        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 100   | U         | 100 | 110  | 420        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4EW1        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-19     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 59.9                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047900.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163648      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 120   | U         | 120 | 110 | 420        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 110   | U         | 110 | 110 | 420        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 55    | U         | 55  | 110 | 420        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 100   | U         | 100 | 110 | 420        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 52    | U         | 52  | 110 | 420        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 110   | U         | 110 | 110 | 420        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 50    | U         | 50  | 210 | 820        | ug/Kg |
| 83-32-9    | Acenaphthene               | 100   | U         | 100 | 110 | 420        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 300   | U         | 300 | 210 | 820        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 100   | U         | 100 | 210 | 820        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 110   | U         | 110 | 110 | 420        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 67    | U         | 67  | 110 | 420        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 150   | U         | 150 | 110 | 420        | ug/Kg |
| 86-73-7    | Fluorene                   | 110   | U         | 110 | 110 | 420        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 120   | U         | 120 | 110 | 420        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 100   | U         | 100 | 210 | 820        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 40    | U         | 40  | 210 | 820        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 100   | U         | 100 | 110 | 420        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 130   | U         | 130 | 110 | 420        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 110   | U         | 110 | 110 | 420        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 120   | U         | 120 | 110 | 420        | ug/Kg |
| 1912-24-9  | Atrazine                   | 97    | U         | 97  | 210 | 820        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 220   | U         | 220 | 210 | 820        | ug/Kg |
| 85-01-8    | Phenanthrene               | 180   | J         | 110 | 110 | 420        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 130   | U         | 130 | 110 | 420        | ug/Kg |
| 120-12-7   | Anthracene                 | 110   | U         | 110 | 110 | 420        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 82    | U         | 82  | 110 | 420        | ug/Kg |
| 86-74-8    | Carbazole                  | 110   | U         | 110 | 210 | 820        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 100   | U         | 100 | 110 | 420        | ug/Kg |
| 206-44-0   | Fluoranthene               | 400   | J         | 110 | 210 | 420        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4EW1     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-19  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 59.9                  |
| Sample Wt/Vol:     | 30        | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           |                       |
| Extraction Type :  |           | Level :         | LOW                   |
| Decanted :         |           |                 |                       |
| Injection Volume : |           | GPC Factor :    |                       |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047900.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163648      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 230   | J         | 110    | 110 | 420        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 80    | U         | 80     | 110 | 420        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 57    | U         | 57     | 210 | 820        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 180   | J         | 97     | 110 | 420        | ug/Kg    |
| 218-01-9          | Chrysene                    | 210   | J         | 110    | 110 | 420        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 110   | U         | 110    | 110 | 420        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 85    | U         | 85     | 210 | 820        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 270   | J         | 100    | 110 | 420        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 110   | U         | 110    | 110 | 420        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 100   | U         | 100    | 110 | 420        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 92    | U         | 92     | 110 | 420        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 92    | U         | 92     | 110 | 420        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 87    | U         | 87     | 110 | 420        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 92    | U         | 92     | 110 | 420        | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 1.05  | *         | 15-120 |     | 13         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.585 | *         | 20-120 |     | 1          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 5.677 |           | 10-130 |     | 14         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 5.095 |           | 10-150 |     | 13         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 6.745 |           | 15-120 |     | 17         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 5.101 |           | 10-140 |     | 13         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 6.376 |           | 10-135 |     | 16         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 6.87  |           | 10-120 |     | 17         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 6.961 |           | 10-140 |     | 17         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 2.196 |           | 1-145  |     | 5          | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 6.966 |           | 10-145 |     | 17         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 6.849 |           | 15-120 |     | 17         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 3.692 | *         | 10-150 |     | 9          | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 7.365 | *         | 20-140 |     | 18         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4EW1        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-19     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 59.9                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047900.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163648      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 2.671   | *         | 10-130 |     | 7          | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 6.796   |           | 10-150 |     | 17         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 6.312   |           | 10-130 |     | 16         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 4.072   |           | 10-140 |     | 10         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 306733  | 7.798     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1238520 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 752565  | 14.433    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1524865 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1415914 | 21.391    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1606799 | 24.391    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain  | 21.068  | 430       | J      |     | 21.068     |          |
|                                       | (DEL) Alkane: Straight-Chain  | 22.156  | 1000      | J      |     | 22.156     |          |
| 000638-66-4                           | Octadecanal                   | 370     | J         |        |     | 23.121     |          |
| 007390-81-0                           | Oxirane, hexadecyl-           | 1600    | J         |        |     | 24.891     |          |
|                                       | (DEL) Alkane: Straight-Chain  | 25.456  | 450       | J      |     | 25.456     |          |
|                                       | (DEL) Alkane: Cyclic          | 25.574  | 510       | J      |     | 25.574     |          |
| 022725-63-9                           | Triacontanal                  | 770     | J         |        |     | 27.421     |          |
| E966796                               | Total Alkanes                 | 2400    |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | SLCS651      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163651BS   | 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 |
| BM047901.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 240   |           | 13  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 670   |           | 75  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 590   |           | 43  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 700   |           | 35  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 670   |           | 34  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 780   |           | 28  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 730   |           | 30  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 530   |           | 27  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 700   |           | 38  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 730   |           | 32  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 650   |           | 29  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 730   |           | 23  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 660   |           | 36  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 700   |           | 34  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 880   |           | 32  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 610   |           | 28  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 700   |           | 38  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 830   |           | 39  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 750   |           | 34  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 620   |           | 43  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 800   |           | 34  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 820   |           | 120 | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 810   |           | 28  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 770   |           | 41  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 790   |           | 37  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 540   |           | 79  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 850   |           | 43  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 840   |           | 42  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | SLCS651      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163651BS   | 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 |
| BM047901.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 750   |           | 48  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 760   |           | 45  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 690   |           | 22  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 770   |           | 42  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 880   |           | 21  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 770   |           | 43  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 830   |           | 20  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 730   |           | 41  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 730   |           | 120 | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 700   |           | 41  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 750   |           | 46  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 860   |           | 27  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 770   |           | 60  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 720   |           | 45  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 750   |           | 47  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 910   |           | 42  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 750   |           | 16  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 760   |           | 42  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 760   |           | 51  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 820   |           | 45  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 830   |           | 50  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 620   |           | 39  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 810   |           | 87  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 750   |           | 44  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 730   |           | 51  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 740   |           | 43  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 740   |           | 33  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 760   |           | 45  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 830   |           | 42  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 840   |           | 44  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | SLCS651      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163651BS   | 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 |
| BM047901.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 800    |           | 44     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 970    |           | 32     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 860    |           | 23     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 810    |           | 39     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 780    |           | 45     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 940    |           | 44     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 880    |           | 34     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 790    |           | 42     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 760    |           | 45     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 750    |           | 42     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 770    |           | 37     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 770    |           | 37     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 770    |           | 35     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 870    |           | 37     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.785  |           | 15-120 |      | 47         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 18.64  |           | 20-120 |      | 47         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 21.948 |           | 10-130 |      | 55         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 18.377 |           | 10-150 |      | 46         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 25.09  |           | 15-120 |      | 63         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 22.76  |           | 10-140 |      | 57         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 25.078 |           | 10-135 |      | 63         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 28.204 |           | 10-120 |      | 71         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 26.465 |           | 10-140 |      | 66         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.087 |           | 1-145  |      | 58         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 24.033 |           | 10-145 |      | 60         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 24.243 |           | 15-120 |      | 61         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 23.888 |           | 10-150 |      | 60         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 24.141 |           | 20-140 |      | 60         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | SLCS651      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163651BS   | 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 |
| BM047901.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 23.126  |           | 10-130 |     | 58         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 23.474  |           | 10-150 |     | 59         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 26.029  |           | 10-130 |     | 65         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 25.032  |           | 10-140 |     | 63         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 331036  | 7.798     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1358860 | 10.592    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 842934  | 14.433    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1658432 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1492193 | 21.397    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1710602 | 24.397    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 48      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | SBLK648      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163648BL   | 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 |
| BM047903.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163648      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 13    | U         | 13  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 75    | U         | 75  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 43    | U         | 43  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 35    | U         | 35  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 34    | U         | 34  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 30    | U         | 30  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 27    | U         | 27  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 38    | U         | 38  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 32    | U         | 32  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 29    | U         | 29  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 23    | U         | 23  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 36    | U         | 36  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 38    | U         | 38  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 39    | U         | 39  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 43    | U         | 43  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 120   | U         | 120 | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 37    | U         | 37  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 79    | U         | 79  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 42    | U         | 42  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | SBLK648      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163648BL   | 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 |
| BM047903.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163648      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 48    | U         | 48  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 22    | U         | 22  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 42    | U         | 42  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 21    | U         | 21  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 20    | U         | 20  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 120   | U         | 120 | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 41    | U         | 41  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 46    | U         | 46  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 60    | U         | 60  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 47    | U         | 47  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 42    | U         | 42  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 16    | U         | 16  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 42    | U         | 42  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 51    | U         | 51  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 39    | U         | 39  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 87    | U         | 87  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 44    | U         | 44  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 51    | U         | 51  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 45    | U         | 45  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 42    | U         | 42  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 44    | U         | 44  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | SBLK648      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163648BL   | 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 |
| BM047903.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163648      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 44     | U         | 44     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 32     | U         | 32     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 23     | U         | 23     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 39     | U         | 39     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 45     | U         | 45     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 44     | U         | 44     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 34     | U         | 34     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 42     | U         | 42     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 45     | U         | 45     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 42     | U         | 42     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 35     | U         | 35     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.867  |           | 15-120 |      | 48         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 19.317 |           | 20-120 |      | 48         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 21.256 |           | 10-130 |      | 53         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 18.474 |           | 10-150 |      | 46         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.952 |           | 15-120 |      | 62         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 22.347 |           | 10-140 |      | 56         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 24.934 |           | 10-135 |      | 62         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.61  |           | 10-120 |      | 69         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 25.106 |           | 10-140 |      | 63         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.527 |           | 1-145  |      | 59         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 24.046 |           | 10-145 |      | 60         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 24.545 |           | 15-120 |      | 61         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 19.833 |           | 10-150 |      | 50         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 24.779 |           | 20-140 |      | 62         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | SBLK648      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163648BL   | 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 |
| BM047903.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163648      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 16.233  |           | 10-130 |     | 41         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 23.99   |           | 10-150 |     | 60         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 25.724  |           | 10-130 |     | 64         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 25.068  |           | 10-140 |     | 63         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 304615  | 7.793     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1224626 | 10.587    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 752769  | 14.428    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1524528 | 17.169    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1397593 | 21.392    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1581742 | 24.392    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 48      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4EY2        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-02     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 34                    |
| 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 |
| BM047904.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 20    | U         | 20  | 10   | 100        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 110   | U         | 110 | 130  | 500        | ug/Kg |
| 110-86-1       | Pyridine                    | 65    | U         | 65  | 250  | 500        | ug/Kg |
| 108-95-2       | Phenol                      | 53    | U         | 53  | 130  | 500        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 52    | U         | 52  | 130  | 500        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 42    | U         | 42  | 64.4 | 260        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 45    | U         | 45  | 130  | 500        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 41    | U         | 41  | 130  | 500        | ug/Kg |
| 98-86-2        | Acetophenone                | 58    | U         | 58  | 130  | 500        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 48    | U         | 48  | 130  | 500        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 44    | U         | 44  | 64.4 | 260        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 35    | U         | 35  | 64.4 | 260        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 55    | U         | 55  | 64.4 | 260        | ug/Kg |
| 78-59-1        | Isophorone                  | 52    | U         | 52  | 64.4 | 260        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 48    | U         | 48  | 64.4 | 260        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 42    | U         | 42  | 64.4 | 260        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 58    | U         | 58  | 64.4 | 260        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 59    | U         | 59  | 64.4 | 260        | ug/Kg |
| 91-20-3        | Naphthalene                 | 52    | U         | 52  | 64.4 | 260        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 65    | U         | 65  | 64.4 | 500        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 52    | U         | 52  | 64.4 | 260        | ug/Kg |
| 105-60-2       | Caprolactam                 | 180   | U         | 180 | 130  | 500        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 42    | U         | 42  | 64.4 | 260        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 62    | U         | 62  | 64.4 | 260        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 56    | U         | 56  | 64.4 | 260        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 120   | U         | 120 | 130  | 500        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 65    | U         | 65  | 64.4 | 260        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 64    | U         | 64  | 64.4 | 260        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4EY2        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-02     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 34                    |
| 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 |
| BM047904.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 73    | U         | 73  | 64.4 | 260        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 68    | U         | 68  | 64.4 | 260        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 33    | U         | 33  | 64.4 | 260        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 64    | U         | 64  | 64.4 | 260        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 32    | U         | 32  | 64.4 | 260        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 65    | U         | 65  | 64.4 | 260        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 30    | U         | 30  | 130  | 500        | ug/Kg |
| 83-32-9    | Acenaphthene               | 62    | U         | 62  | 64.4 | 260        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 180   | U         | 180 | 130  | 500        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 62    | U         | 62  | 130  | 500        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 70    | U         | 70  | 64.4 | 260        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 41    | U         | 41  | 64.4 | 260        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 91    | U         | 91  | 64.4 | 260        | ug/Kg |
| 86-73-7    | Fluorene                   | 68    | U         | 68  | 64.4 | 260        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 71    | U         | 71  | 64.4 | 260        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 64    | U         | 64  | 130  | 500        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 24    | U         | 24  | 130  | 500        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 64    | U         | 64  | 64.4 | 260        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 77    | U         | 77  | 64.4 | 260        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 68    | U         | 68  | 64.4 | 260        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 76    | U         | 76  | 64.4 | 260        | ug/Kg |
| 1912-24-9  | Atrazine                   | 59    | U         | 59  | 130  | 500        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 130   | U         | 130 | 130  | 500        | ug/Kg |
| 85-01-8    | Phenanthrene               | 230   | J         | 67  | 64.4 | 260        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 77    | U         | 77  | 64.4 | 260        | ug/Kg |
| 120-12-7   | Anthracene                 | 65    | U         | 65  | 64.4 | 260        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 50    | U         | 50  | 64.4 | 260        | ug/Kg |
| 86-74-8    | Carbazole                  | 68    | U         | 68  | 130  | 500        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 64    | U         | 64  | 64.4 | 260        | ug/Kg |
| 206-44-0   | Fluoranthene               | 320   |           | 67  | 130  | 260        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4EY2        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-02     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 34                    |
| 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 |
| BM047904.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 260    |           | 67     | 64.4 | 260        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 48     | U         | 48     | 64.4 | 260        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 35     | U         | 35     | 130  | 500        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 130    | J         | 59     | 64.4 | 260        | ug/Kg    |
| 218-01-9          | Chrysene                    | 130    | J         | 68     | 64.4 | 260        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 67     | U         | 67     | 64.4 | 260        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 52     | U         | 52     | 130  | 500        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 160    | J         | 64     | 64.4 | 260        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 68     | U         | 68     | 64.4 | 260        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 120    | J         | 64     | 64.4 | 260        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 58     | J         | 56     | 64.4 | 260        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 56     | U         | 56     | 64.4 | 260        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 73     | J         | 53     | 64.4 | 260        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 56     | U         | 56     | 64.4 | 260        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.308  |           | 15-120 |      | 29         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 10.451 |           | 20-120 |      | 26         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 13.818 |           | 10-130 |      | 35         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 11.602 |           | 10-150 |      | 29         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 15.764 |           | 15-120 |      | 39         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 14.881 |           | 10-140 |      | 37         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 15.107 |           | 10-135 |      | 38         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 17.776 |           | 10-120 |      | 44         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 17.059 |           | 10-140 |      | 43         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 12.814 |           | 1-145  |      | 32         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 16.858 |           | 10-145 |      | 42         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 16.715 |           | 15-120 |      | 42         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 10.753 |           | 10-150 |      | 27         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 17.513 |           | 20-140 |      | 44         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4EY2        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-02     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 34                    |
| 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 |
| BM047904.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 8.854   |           | 10-130 |     | 22         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 17.214  |           | 10-150 |     | 43         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 18.743  |           | 10-130 |     | 47         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 18.503  |           | 10-140 |     | 46         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 315817  | 7.798     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1277386 | 10.587    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 785870  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1583284 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1496025 | 21.392    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1684444 | 24.392    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 370     | J         |        |     | 15.786     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 220     | J         |        |     | 18.063     |          |
|                                       | (DEL) Alkane: Straight-Chain  | 21.068  | J         |        |     | 21.068     |          |
| E966796                               | Total Alkanes                 | 140     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/20/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/20/2024 12:00:00 AM |
| Client Sample ID:  | A4EW9        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-08     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 42.1                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047905.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 22    | U         | 22  | 11.4 | 120        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 130   | U         | 130 | 140  | 570        | ug/Kg |
| 110-86-1       | Pyridine                    | 74    | U         | 74  | 280  | 570        | ug/Kg |
| 108-95-2       | Phenol                      | 60    | U         | 60  | 140  | 570        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 59    | U         | 59  | 140  | 570        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 48    | U         | 48  | 73.4 | 290        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 52    | U         | 52  | 140  | 570        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 47    | U         | 47  | 140  | 570        | ug/Kg |
| 98-86-2        | Acetophenone                | 66    | U         | 66  | 140  | 570        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 55    | U         | 55  | 140  | 570        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 50    | U         | 50  | 73.4 | 290        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 40    | U         | 40  | 73.4 | 290        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 62    | U         | 62  | 73.4 | 290        | ug/Kg |
| 78-59-1        | Isophorone                  | 59    | U         | 59  | 73.4 | 290        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 55    | U         | 55  | 73.4 | 290        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 48    | U         | 48  | 73.4 | 290        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 66    | U         | 66  | 73.4 | 290        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 67    | U         | 67  | 73.4 | 290        | ug/Kg |
| 91-20-3        | Naphthalene                 | 59    | U         | 59  | 73.4 | 290        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 74    | U         | 74  | 73.4 | 570        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 59    | U         | 59  | 73.4 | 290        | ug/Kg |
| 105-60-2       | Caprolactam                 | 210   | U         | 210 | 140  | 570        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 48    | U         | 48  | 73.4 | 290        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 71    | U         | 71  | 73.4 | 290        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 64    | U         | 64  | 73.4 | 290        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 140   | U         | 140 | 140  | 570        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 74    | U         | 74  | 73.4 | 290        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 73    | U         | 73  | 73.4 | 290        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/20/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/20/2024 12:00:00 AM |
| Client Sample ID:  | A4EW9        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-08     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 42.1                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047905.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 83    | U         | 83  | 73.4 | 290        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 78    | U         | 78  | 73.4 | 290        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 38    | U         | 38  | 73.4 | 290        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 73    | U         | 73  | 73.4 | 290        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 36    | U         | 36  | 73.4 | 290        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 74    | U         | 74  | 73.4 | 290        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 35    | U         | 35  | 140  | 570        | ug/Kg |
| 83-32-9    | Acenaphthene               | 71    | U         | 71  | 73.4 | 290        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 210   | U         | 210 | 140  | 570        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 71    | U         | 71  | 140  | 570        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 79    | U         | 79  | 73.4 | 290        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 47    | U         | 47  | 73.4 | 290        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 100   | U         | 100 | 73.4 | 290        | ug/Kg |
| 86-73-7    | Fluorene                   | 78    | U         | 78  | 73.4 | 290        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 81    | U         | 81  | 73.4 | 290        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 73    | U         | 73  | 140  | 570        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 28    | U         | 28  | 140  | 570        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 73    | U         | 73  | 73.4 | 290        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 88    | U         | 88  | 73.4 | 290        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 78    | U         | 78  | 73.4 | 290        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 86    | U         | 86  | 73.4 | 290        | ug/Kg |
| 1912-24-9  | Atrazine                   | 67    | U         | 67  | 140  | 570        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 150   | U         | 150 | 140  | 570        | ug/Kg |
| 85-01-8    | Phenanthrene               | 76    | U         | 76  | 73.4 | 290        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 88    | U         | 88  | 73.4 | 290        | ug/Kg |
| 120-12-7   | Anthracene                 | 74    | U         | 74  | 73.4 | 290        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 57    | U         | 57  | 73.4 | 290        | ug/Kg |
| 86-74-8    | Carbazole                  | 78    | U         | 78  | 140  | 570        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 73    | U         | 73  | 73.4 | 290        | ug/Kg |
| 206-44-0   | Fluoranthene               | 76    | U         | 76  | 140  | 290        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/20/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/20/2024 12:00:00 AM |
| Client Sample ID:  | A4EW9        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-08     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 42.1                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047905.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 76     | U         | 76     | 73.4 | 290        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 55     | U         | 55     | 73.4 | 290        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 40     | U         | 40     | 140  | 570        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 67     | U         | 67     | 73.4 | 290        | ug/Kg    |
| 218-01-9          | Chrysene                    | 78     | U         | 78     | 73.4 | 290        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 76     | U         | 76     | 73.4 | 290        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 59     | U         | 59     | 140  | 570        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 73     | U         | 73     | 73.4 | 290        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 78     | U         | 78     | 73.4 | 290        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 73     | U         | 73     | 73.4 | 290        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 64     | U         | 64     | 73.4 | 290        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 64     | U         | 64     | 73.4 | 290        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 60     | U         | 60     | 73.4 | 290        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 64     | U         | 64     | 73.4 | 290        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 1.862  |           | 15-120 |      | 23         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 8.319  |           | 20-120 |      | 21         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 10.812 |           | 10-130 |      | 27         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 9.222  |           | 10-150 |      | 23         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 12.444 |           | 15-120 |      | 31         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 11.966 |           | 10-140 |      | 30         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 12.238 |           | 10-135 |      | 31         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 14.058 |           | 10-120 |      | 35         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 13.656 |           | 10-140 |      | 34         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 11.194 |           | 1-145  |      | 28         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 13.811 |           | 10-145 |      | 35         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 13.583 |           | 15-120 |      | 34         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 9.01   |           | 10-150 |      | 23         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 14.538 |           | 20-140 |      | 36         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/20/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/20/2024 12:00:00 AM |
| Client Sample ID:  | A4EW9        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-08     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 42.1                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047905.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 6.999   |           | 10-130 |     | 17         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 14.163  |           | 10-150 |     | 35         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 16.071  |           | 10-130 |     | 40         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 15.373  |           | 10-140 |     | 38         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 361721  | 7.798     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1450401 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 899705  | 14.433    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1841674 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1688655 | 21.392    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1919364 | 24.391    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 270     | J         |        |     | 15.786     |          |
|                                       | (DEL) Alkane: Cyclic          | 21.068  | J         |        |     | 21.068     |          |
| E966796                               | Total Alkanes                 | 150     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/20/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/20/2024 12:00:00 AM |
| Client Sample ID:  | A4EX0     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-09  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 12.1                  |
| 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 |
| BM047906.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 7.5  | 76         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 85    | U         | 85  | 93.5 | 370        | ug/Kg |
| 110-86-1       | Pyridine                    | 49    | U         | 49  | 190  | 370        | ug/Kg |
| 108-95-2       | Phenol                      | 40    | U         | 40  | 93.5 | 370        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 39    | U         | 39  | 93.5 | 370        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 32    | U         | 32  | 48.2 | 190        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 34    | U         | 34  | 93.5 | 370        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 31    | U         | 31  | 93.5 | 370        | ug/Kg |
| 98-86-2        | Acetophenone                | 43    | U         | 43  | 93.5 | 370        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 36    | U         | 36  | 93.5 | 370        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 33    | U         | 33  | 48.2 | 190        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 26    | U         | 26  | 48.2 | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 41    | U         | 41  | 48.2 | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 39    | U         | 39  | 48.2 | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 36    | U         | 36  | 48.2 | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 32    | U         | 32  | 48.2 | 190        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 43    | U         | 43  | 48.2 | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 44    | U         | 44  | 48.2 | 190        | ug/Kg |
| 91-20-3        | Naphthalene                 | 39    | U         | 39  | 48.2 | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 49    | U         | 49  | 48.2 | 370        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 39    | U         | 39  | 48.2 | 190        | ug/Kg |
| 105-60-2       | Caprolactam                 | 140   | U         | 140 | 93.5 | 370        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 32    | U         | 32  | 48.2 | 190        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 46    | U         | 46  | 48.2 | 190        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 42    | U         | 42  | 48.2 | 190        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 90    | U         | 90  | 93.5 | 370        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 49    | U         | 49  | 48.2 | 190        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 48    | U         | 48  | 48.2 | 190        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/20/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 9/20/2024 12:00:00 AM       |
| Client Sample ID:  | A4EX0                 | SDG No.:        | BM100724                    |
| Lab Sample ID:     | P4131-09              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 12.1                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047906.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 54    | U         | 54  | 48.2 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 51    | U         | 51  | 48.2 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 25    | U         | 25  | 48.2 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 48    | U         | 48  | 48.2 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 24    | U         | 24  | 48.2 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 49    | U         | 49  | 48.2 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 23    | U         | 23  | 93.5 | 370        | ug/Kg |
| 83-32-9    | Acenaphthene               | 46    | U         | 46  | 48.2 | 190        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 140   | U         | 140 | 93.5 | 370        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 46    | U         | 46  | 93.5 | 370        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 52    | U         | 52  | 48.2 | 190        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 31    | U         | 31  | 48.2 | 190        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 68    | U         | 68  | 48.2 | 190        | ug/Kg |
| 86-73-7    | Fluorene                   | 51    | U         | 51  | 48.2 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 53    | U         | 53  | 48.2 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 48    | U         | 48  | 93.5 | 370        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 18    | U         | 18  | 93.5 | 370        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 48    | U         | 48  | 48.2 | 190        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 58    | U         | 58  | 48.2 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 51    | U         | 51  | 48.2 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 57    | U         | 57  | 48.2 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                   | 44    | U         | 44  | 93.5 | 370        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 99    | U         | 99  | 93.5 | 370        | ug/Kg |
| 85-01-8    | Phenanthrene               | 50    | U         | 50  | 48.2 | 190        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 58    | U         | 58  | 48.2 | 190        | ug/Kg |
| 120-12-7   | Anthracene                 | 49    | U         | 49  | 48.2 | 190        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 37    | U         | 37  | 48.2 | 190        | ug/Kg |
| 86-74-8    | Carbazole                  | 51    | U         | 51  | 93.5 | 370        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 48    | U         | 48  | 48.2 | 190        | ug/Kg |
| 206-44-0   | Fluoranthene               | 50    | U         | 50  | 93.5 | 190        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/20/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/20/2024 12:00:00 AM |
| Client Sample ID:  | A4EX0     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-09  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 12.1                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           |                       |
| Extraction Type :  |           | Level :         | LOW                   |
| Decanted :         |           |                 |                       |
| Injection Volume : |           | GPC Factor :    |                       |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047906.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 50     | U         | 50     | 48.2 | 190        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 36     | U         | 36     | 48.2 | 190        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 26     | U         | 26     | 93.5 | 370        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 44     | U         | 44     | 48.2 | 190        | ug/Kg    |
| 218-01-9          | Chrysene                    | 51     | U         | 51     | 48.2 | 190        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 50     | U         | 50     | 48.2 | 190        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 39     | U         | 39     | 93.5 | 370        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 48     | U         | 48     | 48.2 | 190        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 51     | U         | 51     | 48.2 | 190        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 48     | U         | 48     | 48.2 | 190        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 42     | U         | 42     | 48.2 | 190        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 42     | U         | 42     | 48.2 | 190        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 40     | U         | 40     | 48.2 | 190        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 42     | U         | 42     | 48.2 | 190        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 1.974  |           | 15-120 |      | 25         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 10.44  |           | 20-120 |      | 26         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 12.894 |           | 10-130 |      | 32         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 10.946 |           | 10-150 |      | 27         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 14.678 |           | 15-120 |      | 37         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 13.95  |           | 10-140 |      | 35         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 14.633 |           | 10-135 |      | 37         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 16.896 |           | 10-120 |      | 42         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 15.614 |           | 10-140 |      | 39         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 14.135 |           | 1-145  |      | 35         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 15.652 |           | 10-145 |      | 39         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 15.493 |           | 15-120 |      | 39         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 11.631 |           | 10-150 |      | 29         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 16.082 |           | 20-140 |      | 40         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/20/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/20/2024 12:00:00 AM |
| Client Sample ID:  | A4EX0              | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-09           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 12.1                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047906.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 8.459   |           | 10-130 |     | 21         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 15.309  |           | 10-150 |     | 38         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 16.906  |           | 10-130 |     | 42         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 16.506  |           | 10-140 |     | 41         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 389637  | 7.798     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1584869 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 977463  | 14.433    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 2000148 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1876240 | 21.398    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 2169592 | 24.397    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 300     | J         |        |     | 15.786     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 100     | J         |        |     | 18.063     |          |
|                                       | (DEL) Alkane: Cyclic          | 82      | J         |        |     | 21.068     |          |
| E966796                               | Total Alkanes                 | 82      |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/20/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 9/20/2024 12:00:00 AM       |
| Client Sample ID:  | A4EX3                 | SDG No.:        | BM100724                    |
| Lab Sample ID:     | P4131-10              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 54.2                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047907.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 28    | U         | 28  | 14.4 | 150        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 160   | U         | 160 | 180  | 720        | ug/Kg |
| 110-86-1       | Pyridine                    | 94    | U         | 94  | 360  | 720        | ug/Kg |
| 108-95-2       | Phenol                      | 76    | U         | 76  | 180  | 720        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 74    | U         | 74  | 180  | 720        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 61    | U         | 61  | 92.5 | 370        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 65    | U         | 65  | 180  | 720        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 59    | U         | 59  | 180  | 720        | ug/Kg |
| 98-86-2        | Acetophenone                | 83    | U         | 83  | 180  | 720        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 70    | U         | 70  | 180  | 720        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 63    | U         | 63  | 92.5 | 370        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 50    | U         | 50  | 92.5 | 370        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 78    | U         | 78  | 92.5 | 370        | ug/Kg |
| 78-59-1        | Isophorone                  | 74    | U         | 74  | 92.5 | 370        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 70    | U         | 70  | 92.5 | 370        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 61    | U         | 61  | 92.5 | 370        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 83    | U         | 83  | 92.5 | 370        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 85    | U         | 85  | 92.5 | 370        | ug/Kg |
| 91-20-3        | Naphthalene                 | 74    | U         | 74  | 92.5 | 370        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 94    | U         | 94  | 92.5 | 720        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 74    | U         | 74  | 92.5 | 370        | ug/Kg |
| 105-60-2       | Caprolactam                 | 260   | U         | 260 | 180  | 720        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 61    | U         | 61  | 92.5 | 370        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 89    | U         | 89  | 92.5 | 370        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 81    | U         | 81  | 92.5 | 370        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 170   | U         | 170 | 180  | 720        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 94    | U         | 94  | 92.5 | 370        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 91    | U         | 91  | 92.5 | 370        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/20/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/20/2024 12:00:00 AM |
| Client Sample ID:  | A4EX3     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-10  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 54.2                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047907.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 100   | U         | 100 | 92.5 | 370        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 98    | U         | 98  | 92.5 | 370        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 48    | U         | 48  | 92.5 | 370        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 91    | U         | 91  | 92.5 | 370        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 46    | U         | 46  | 92.5 | 370        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 94    | U         | 94  | 92.5 | 370        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 44    | U         | 44  | 180  | 720        | ug/Kg |
| 83-32-9    | Acenaphthene               | 89    | U         | 89  | 92.5 | 370        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 260   | U         | 260 | 180  | 720        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 89    | U         | 89  | 180  | 720        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 100   | U         | 100 | 92.5 | 370        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 59    | U         | 59  | 92.5 | 370        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 130   | U         | 130 | 92.5 | 370        | ug/Kg |
| 86-73-7    | Fluorene                   | 98    | U         | 98  | 92.5 | 370        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 100   | U         | 100 | 92.5 | 370        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 91    | U         | 91  | 180  | 720        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 35    | U         | 35  | 180  | 720        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 91    | U         | 91  | 92.5 | 370        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 110   | U         | 110 | 92.5 | 370        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 98    | U         | 98  | 92.5 | 370        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 110   | U         | 110 | 92.5 | 370        | ug/Kg |
| 1912-24-9  | Atrazine                   | 85    | U         | 85  | 180  | 720        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 190   | U         | 190 | 180  | 720        | ug/Kg |
| 85-01-8    | Phenanthrene               | 170   | J         | 96  | 92.5 | 370        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 110   | U         | 110 | 92.5 | 370        | ug/Kg |
| 120-12-7   | Anthracene                 | 94    | U         | 94  | 92.5 | 370        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 72    | U         | 72  | 92.5 | 370        | ug/Kg |
| 86-74-8    | Carbazole                  | 98    | U         | 98  | 180  | 720        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 91    | U         | 91  | 92.5 | 370        | ug/Kg |
| 206-44-0   | Fluoranthene               | 410   |           | 96  | 180  | 370        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/20/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/20/2024 12:00:00 AM |
| Client Sample ID:  | A4EX3     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-10  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 54.2                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047907.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 220   | J         | 96     | 92.5 | 370        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 70    | U         | 70     | 92.5 | 370        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 50    | U         | 50     | 180  | 720        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 170   | J         | 85     | 92.5 | 370        | ug/Kg    |
| 218-01-9          | Chrysene                    | 200   | J         | 98     | 92.5 | 370        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 96    | U         | 96     | 92.5 | 370        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 74    | U         | 74     | 180  | 720        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 260   | J         | 91     | 92.5 | 370        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 98    | U         | 98     | 92.5 | 370        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 91    | U         | 91     | 92.5 | 370        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 81    | U         | 81     | 92.5 | 370        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 81    | U         | 81     | 92.5 | 370        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 76    | U         | 76     | 92.5 | 370        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 81    | U         | 81     | 92.5 | 370        | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 1.299 |           | 15-120 |      | 16         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.561 | *         | 20-120 |      | 1          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 6.999 |           | 10-130 |      | 17         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 6.79  |           | 10-150 |      | 17         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 8.792 |           | 15-120 |      | 22         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 4.907 |           | 10-140 |      | 12         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 8.596 |           | 10-135 |      | 21         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 9.578 |           | 10-120 |      | 24         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 9.014 |           | 10-140 |      | 23         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 3.646 |           | 1-145  |      | 9          | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 9.17  |           | 10-145 |      | 23         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 9.01  |           | 15-120 |      | 23         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 4.744 |           | 10-150 |      | 12         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 9.696 |           | 20-140 |      | 24         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/20/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/20/2024 12:00:00 AM |
| Client Sample ID:  | A4EX3              | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-10           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 54.2                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047907.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 4.271   |           | 10-130 |     | 11         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 9.102   |           | 10-150 |     | 23         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 7.902   |           | 10-130 |     | 20         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 5.167   |           | 10-140 |     | 13         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 337814  | 7.798     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1365429 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 842044  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1689359 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1567975 | 21.392    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1759776 | 24.391    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 300     | J         |        |     | 15.786     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 210     | J         |        |     | 18.063     |          |
| E966796                               | Total Alkanes                 | 100     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/20/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/20/2024 12:00:00 AM |
| Client Sample ID:  | A4EX4        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-11     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 38                    |
| 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 |
| BM047908.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 21    | U         | 21  | 10.6 | 110        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 120   | U         | 120 | 130  | 530        | ug/Kg |
| 110-86-1       | Pyridine                    | 69    | U         | 69  | 270  | 530        | ug/Kg |
| 108-95-2       | Phenol                      | 56    | U         | 56  | 130  | 530        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 55    | U         | 55  | 130  | 530        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 45    | U         | 45  | 68.5 | 270        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 48    | U         | 48  | 130  | 530        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 44    | U         | 44  | 130  | 530        | ug/Kg |
| 98-86-2        | Acetophenone                | 61    | U         | 61  | 130  | 530        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 52    | U         | 52  | 130  | 530        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 47    | U         | 47  | 68.5 | 270        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 37    | U         | 37  | 68.5 | 270        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 58    | U         | 58  | 68.5 | 270        | ug/Kg |
| 78-59-1        | Isophorone                  | 55    | U         | 55  | 68.5 | 270        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 52    | U         | 52  | 68.5 | 270        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 45    | U         | 45  | 68.5 | 270        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 61    | U         | 61  | 68.5 | 270        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 63    | U         | 63  | 68.5 | 270        | ug/Kg |
| 91-20-3        | Naphthalene                 | 55    | U         | 55  | 68.5 | 270        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 69    | U         | 69  | 68.5 | 530        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 55    | U         | 55  | 68.5 | 270        | ug/Kg |
| 105-60-2       | Caprolactam                 | 190   | U         | 190 | 130  | 530        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 45    | U         | 45  | 68.5 | 270        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 66    | U         | 66  | 68.5 | 270        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 60    | U         | 60  | 68.5 | 270        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 130   | U         | 130 | 130  | 530        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 69    | U         | 69  | 68.5 | 270        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 68    | U         | 68  | 68.5 | 270        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/20/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/20/2024 12:00:00 AM |
| Client Sample ID:  | A4EX4        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-11     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 38                    |
| 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 |
| BM047908.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 77    | U         | 77  | 68.5 | 270        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 73    | U         | 73  | 68.5 | 270        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 35    | U         | 35  | 68.5 | 270        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 68    | U         | 68  | 68.5 | 270        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 34    | U         | 34  | 68.5 | 270        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 69    | U         | 69  | 68.5 | 270        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 32    | U         | 32  | 130  | 530        | ug/Kg |
| 83-32-9    | Acenaphthene               | 66    | U         | 66  | 68.5 | 270        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 190   | U         | 190 | 130  | 530        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 66    | U         | 66  | 130  | 530        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 74    | U         | 74  | 68.5 | 270        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 44    | U         | 44  | 68.5 | 270        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 97    | U         | 97  | 68.5 | 270        | ug/Kg |
| 86-73-7    | Fluorene                   | 73    | U         | 73  | 68.5 | 270        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 76    | U         | 76  | 68.5 | 270        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 68    | U         | 68  | 130  | 530        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 26    | U         | 26  | 130  | 530        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 68    | U         | 68  | 68.5 | 270        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 82    | U         | 82  | 68.5 | 270        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 73    | U         | 73  | 68.5 | 270        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 81    | U         | 81  | 68.5 | 270        | ug/Kg |
| 1912-24-9  | Atrazine                   | 63    | U         | 63  | 130  | 530        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 140   | U         | 140 | 130  | 530        | ug/Kg |
| 85-01-8    | Phenanthrene               | 71    | U         | 71  | 68.5 | 270        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 82    | U         | 82  | 68.5 | 270        | ug/Kg |
| 120-12-7   | Anthracene                 | 69    | U         | 69  | 68.5 | 270        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 53    | U         | 53  | 68.5 | 270        | ug/Kg |
| 86-74-8    | Carbazole                  | 73    | U         | 73  | 130  | 530        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 68    | U         | 68  | 68.5 | 270        | ug/Kg |
| 206-44-0   | Fluoranthene               | 71    | U         | 71  | 130  | 270        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/20/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/20/2024 12:00:00 AM |
| Client Sample ID:  | A4EX4        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-11     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 38                    |
| 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 |
| BM047908.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 71     | U         | 71     | 68.5 | 270        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 52     | U         | 52     | 68.5 | 270        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 37     | U         | 37     | 130  | 530        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 63     | U         | 63     | 68.5 | 270        | ug/Kg    |
| 218-01-9          | Chrysene                    | 73     | U         | 73     | 68.5 | 270        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 71     | U         | 71     | 68.5 | 270        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 55     | U         | 55     | 130  | 530        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 68     | U         | 68     | 68.5 | 270        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 73     | U         | 73     | 68.5 | 270        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 68     | U         | 68     | 68.5 | 270        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 60     | U         | 60     | 68.5 | 270        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 60     | U         | 60     | 68.5 | 270        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 56     | U         | 56     | 68.5 | 270        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 60     | U         | 60     | 68.5 | 270        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.178  |           | 15-120 |      | 27         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 10.248 |           | 20-120 |      | 26         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 12.211 |           | 10-130 |      | 31         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 11.415 |           | 10-150 |      | 29         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 15.127 |           | 15-120 |      | 38         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 13.922 |           | 10-140 |      | 35         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 15.376 |           | 10-135 |      | 38         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 17.203 |           | 10-120 |      | 43         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 16.317 |           | 10-140 |      | 41         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 14.532 |           | 1-145  |      | 36         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 16.877 |           | 10-145 |      | 42         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 16.755 |           | 15-120 |      | 42         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 8.272  |           | 10-150 |      | 21         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 17.757 |           | 20-140 |      | 44         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/20/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/20/2024 12:00:00 AM |
| Client Sample ID:  | A4EX4        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-11     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 38                    |
| 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 |
| BM047908.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 8.009   |           | 10-130 |     | 20         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 17.148  |           | 10-150 |     | 43         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 19.182  |           | 10-130 |     | 48         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 18.742  |           | 10-140 |     | 47         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 337353  | 7.798     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1375924 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 860016  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1745896 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1634185 | 21.391    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1851036 | 24.391    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 300     | J         |        |     | 15.786     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 120     | J         |        |     | 18.062     |          |
|                                       | (DEL) Alkane: Straight-Chain  | 150     | J         |        |     | 21.068     |          |
| E966796                               | Total Alkanes                 | 150     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/20/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/20/2024 12:00:00 AM |
| Client Sample ID:  | A4EX5        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-12     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 16.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047909.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 16    | U         | 16  | 7.9  | 80         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 89    | U         | 89  | 98.4 | 390        | ug/Kg |
| 110-86-1       | Pyridine                    | 51    | U         | 51  | 200  | 390        | ug/Kg |
| 108-95-2       | Phenol                      | 42    | U         | 42  | 98.4 | 390        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 41    | U         | 41  | 98.4 | 390        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 33    | U         | 33  | 50.7 | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 36    | U         | 36  | 98.4 | 390        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 32    | U         | 32  | 98.4 | 390        | ug/Kg |
| 98-86-2        | Acetophenone                | 45    | U         | 45  | 98.4 | 390        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 38    | U         | 38  | 98.4 | 390        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 35    | U         | 35  | 50.7 | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 27    | U         | 27  | 50.7 | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 43    | U         | 43  | 50.7 | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 41    | U         | 41  | 50.7 | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 38    | U         | 38  | 50.7 | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 33    | U         | 33  | 50.7 | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 45    | U         | 45  | 50.7 | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 47    | U         | 47  | 50.7 | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 41    | U         | 41  | 50.7 | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 51    | U         | 51  | 50.7 | 390        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 41    | U         | 41  | 50.7 | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 140   | U         | 140 | 98.4 | 390        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 33    | U         | 33  | 50.7 | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 49    | U         | 49  | 50.7 | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 44    | U         | 44  | 50.7 | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 94    | U         | 94  | 98.4 | 390        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 51    | U         | 51  | 50.7 | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 50    | U         | 50  | 50.7 | 200        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/20/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/20/2024 12:00:00 AM |
| Client Sample ID:  | A4EX5        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-12     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 16.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047909.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 57    | U         | 57  | 50.7 | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 54    | U         | 54  | 50.7 | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 26    | U         | 26  | 50.7 | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 50    | U         | 50  | 50.7 | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 25    | U         | 25  | 50.7 | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 51    | U         | 51  | 50.7 | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 24    | U         | 24  | 98.4 | 390        | ug/Kg |
| 83-32-9    | Acenaphthene               | 49    | U         | 49  | 50.7 | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 140   | U         | 140 | 98.4 | 390        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 49    | U         | 49  | 98.4 | 390        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 55    | U         | 55  | 50.7 | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 32    | U         | 32  | 50.7 | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 72    | U         | 72  | 50.7 | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 54    | U         | 54  | 50.7 | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 56    | U         | 56  | 50.7 | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 50    | U         | 50  | 98.4 | 390        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 19    | U         | 19  | 98.4 | 390        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 50    | U         | 50  | 50.7 | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 61    | U         | 61  | 50.7 | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 54    | U         | 54  | 50.7 | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 60    | U         | 60  | 50.7 | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 47    | U         | 47  | 98.4 | 390        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 100   | U         | 100 | 98.4 | 390        | ug/Kg |
| 85-01-8    | Phenanthrene               | 53    | U         | 53  | 50.7 | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 61    | U         | 61  | 50.7 | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 51    | U         | 51  | 50.7 | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 39    | U         | 39  | 50.7 | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 54    | U         | 54  | 98.4 | 390        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 50    | U         | 50  | 50.7 | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 53    | U         | 53  | 98.4 | 200        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/20/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/20/2024 12:00:00 AM |
| Client Sample ID:  | A4EX5        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-12     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 16.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047909.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 53     | U         | 53     | 50.7 | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 38     | U         | 38     | 50.7 | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 27     | U         | 27     | 98.4 | 390        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 47     | U         | 47     | 50.7 | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 54     | U         | 54     | 50.7 | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 53     | U         | 53     | 50.7 | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 41     | U         | 41     | 98.4 | 390        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 50     | U         | 50     | 50.7 | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 54     | U         | 54     | 50.7 | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 50     | U         | 50     | 50.7 | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 44     | U         | 44     | 50.7 | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 44     | U         | 44     | 50.7 | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 42     | U         | 42     | 50.7 | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 44     | U         | 44     | 50.7 | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.642  |           | 15-120 |      | 33         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 12.41  |           | 20-120 |      | 31         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 14.935 |           | 10-130 |      | 37         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 12.945 |           | 10-150 |      | 32         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 17.483 |           | 15-120 |      | 44         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 16.1   |           | 10-140 |      | 40         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 17.874 |           | 10-135 |      | 45         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 19.601 |           | 10-120 |      | 49         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 18.588 |           | 10-140 |      | 46         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 17.19  |           | 1-145  |      | 43         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 18.901 |           | 10-145 |      | 47         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 18.687 |           | 15-120 |      | 47         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 13.005 |           | 10-150 |      | 33         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 19.592 |           | 20-140 |      | 49         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/20/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/20/2024 12:00:00 AM |
| Client Sample ID:  | A4EX5        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-12     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 16.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047909.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 9.695   |           | 10-130 |     | 24         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 18.855  |           | 10-150 |     | 47         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 21.117  |           | 10-130 |     | 53         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 20.256  |           | 10-140 |     | 51         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 317166  | 7.793     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 1274421 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 794047  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1608762 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1473058 | 21.392    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1670080 | 24.391    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                       | 370     | J         |        |     | 15.786     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 88      | J         |        |     | 18.063     |          |
| 1000406-04-8                          | Pentadecafluorooctanoic acid, octa | 83      | J         |        |     | 21.068     |          |
| E966796                               | Total Alkanes                      | 57      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/20/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 9/20/2024 12:00:00 AM       |
| Client Sample ID:  | A4EX9                 | SDG No.:        | BM100724                    |
| Lab Sample ID:     | P4131-14              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 20.7                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047910.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 16    | U         | 16  | 8.3  | 84         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 94    | U         | 94  | 100  | 410        | ug/Kg |
| 110-86-1       | Pyridine                    | 54    | U         | 54  | 210  | 410        | ug/Kg |
| 108-95-2       | Phenol                      | 44    | U         | 44  | 100  | 410        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 43    | U         | 43  | 100  | 410        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 35    | U         | 35  | 53.4 | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 38    | U         | 38  | 100  | 410        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 34    | U         | 34  | 100  | 410        | ug/Kg |
| 98-86-2        | Acetophenone                | 48    | U         | 48  | 100  | 410        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 40    | U         | 40  | 100  | 410        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 36    | U         | 36  | 53.4 | 210        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 29    | U         | 29  | 53.4 | 210        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 45    | U         | 45  | 53.4 | 210        | ug/Kg |
| 78-59-1        | Isophorone                  | 43    | U         | 43  | 53.4 | 210        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 40    | U         | 40  | 53.4 | 210        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 35    | U         | 35  | 53.4 | 210        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 48    | U         | 48  | 53.4 | 210        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 49    | U         | 49  | 53.4 | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 43    | U         | 43  | 53.4 | 210        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 54    | U         | 54  | 53.4 | 410        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 43    | U         | 43  | 53.4 | 210        | ug/Kg |
| 105-60-2       | Caprolactam                 | 150   | U         | 150 | 100  | 410        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 35    | U         | 35  | 53.4 | 210        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 52    | U         | 52  | 53.4 | 210        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 47    | U         | 47  | 53.4 | 210        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 99    | U         | 99  | 100  | 410        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 54    | U         | 54  | 53.4 | 210        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 53    | U         | 53  | 53.4 | 210        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/20/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 9/20/2024 12:00:00 AM       |
| Client Sample ID:  | A4EX9                 | SDG No.:        | BM100724                    |
| Lab Sample ID:     | P4131-14              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 20.7                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047910.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 60    | U         | 60  | 53.4 | 210        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 57    | U         | 57  | 53.4 | 210        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 28    | U         | 28  | 53.4 | 210        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 53    | U         | 53  | 53.4 | 210        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 26    | U         | 26  | 53.4 | 210        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 54    | U         | 54  | 53.4 | 210        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 25    | U         | 25  | 100  | 410        | ug/Kg |
| 83-32-9    | Acenaphthene               | 52    | U         | 52  | 53.4 | 210        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 150   | U         | 150 | 100  | 410        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 52    | U         | 52  | 100  | 410        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 58    | U         | 58  | 53.4 | 210        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 34    | U         | 34  | 53.4 | 210        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 75    | U         | 75  | 53.4 | 210        | ug/Kg |
| 86-73-7    | Fluorene                   | 57    | U         | 57  | 53.4 | 210        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 59    | U         | 59  | 53.4 | 210        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 53    | U         | 53  | 100  | 410        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 20    | U         | 20  | 100  | 410        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 53    | U         | 53  | 53.4 | 210        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 64    | U         | 64  | 53.4 | 210        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 57    | U         | 57  | 53.4 | 210        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 63    | U         | 63  | 53.4 | 210        | ug/Kg |
| 1912-24-9  | Atrazine                   | 49    | U         | 49  | 100  | 410        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 110   | U         | 110 | 100  | 410        | ug/Kg |
| 85-01-8    | Phenanthrene               | 55    | U         | 55  | 53.4 | 210        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 64    | U         | 64  | 53.4 | 210        | ug/Kg |
| 120-12-7   | Anthracene                 | 54    | U         | 54  | 53.4 | 210        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 41    | U         | 41  | 53.4 | 210        | ug/Kg |
| 86-74-8    | Carbazole                  | 57    | U         | 57  | 100  | 410        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 53    | U         | 53  | 53.4 | 210        | ug/Kg |
| 206-44-0   | Fluoranthene               | 55    | U         | 55  | 100  | 210        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/20/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/20/2024 12:00:00 AM |
| Client Sample ID:  | A4EX9                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-14              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 20.7                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047910.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 55     | U         | 55     | 53.4 | 210        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 40     | U         | 40     | 53.4 | 210        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 29     | U         | 29     | 100  | 410        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 49     | U         | 49     | 53.4 | 210        | ug/Kg    |
| 218-01-9          | Chrysene                    | 57     | U         | 57     | 53.4 | 210        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 55     | U         | 55     | 53.4 | 210        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 43     | U         | 43     | 100  | 410        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 53     | U         | 53     | 53.4 | 210        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 57     | U         | 57     | 53.4 | 210        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 53     | U         | 53     | 53.4 | 210        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 47     | U         | 47     | 53.4 | 210        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 47     | U         | 47     | 53.4 | 210        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 44     | U         | 44     | 53.4 | 210        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 47     | U         | 47     | 53.4 | 210        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 1.95   |           | 15-120 |      | 24         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 8.013  |           | 20-120 |      | 20         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 11.633 |           | 10-130 |      | 29         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 9.981  |           | 10-150 |      | 25         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 13.246 |           | 15-120 |      | 33         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 12.535 |           | 10-140 |      | 31         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 13.08  |           | 10-135 |      | 33         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 14.48  |           | 10-120 |      | 36         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 14.004 |           | 10-140 |      | 35         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 12.668 |           | 1-145  |      | 32         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 14.337 |           | 10-145 |      | 36         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 14.083 |           | 15-120 |      | 35         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 9.012  |           | 10-150 |      | 23         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 14.734 |           | 20-140 |      | 37         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/20/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/20/2024 12:00:00 AM |
| Client Sample ID:  | A4EX9              | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-14           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 20.7                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047910.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 7.255   |           | 10-130 |     | 18         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 13.974  |           | 10-150 |     | 35         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 15.682  |           | 10-130 |     | 39         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 15.035  |           | 10-140 |     | 38         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 326005  | 7.792     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1328551 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 818459  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1659058 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1522427 | 21.392    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1728908 | 24.391    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 250     | J         |        |     | 15.786     |          |
| E966796                               | Total Alkanes                 | 60      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4EX2        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-01     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 15.6                  |
| 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 |
| BM047911.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 7.8  | 79         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 89    | U         | 89  | 97.7 | 390        | ug/Kg |
| 110-86-1       | Pyridine                    | 51    | U         | 51  | 200  | 390        | ug/Kg |
| 108-95-2       | Phenol                      | 41    | U         | 41  | 97.7 | 390        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 40    | U         | 40  | 97.7 | 390        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 33    | U         | 33  | 50.4 | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 36    | U         | 36  | 97.7 | 390        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 32    | U         | 32  | 97.7 | 390        | ug/Kg |
| 98-86-2        | Acetophenone                | 45    | U         | 45  | 97.7 | 390        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 38    | U         | 38  | 97.7 | 390        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 34    | U         | 34  | 50.4 | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 27    | U         | 27  | 50.4 | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 43    | U         | 43  | 50.4 | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 40    | U         | 40  | 50.4 | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 38    | U         | 38  | 50.4 | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 33    | U         | 33  | 50.4 | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 45    | U         | 45  | 50.4 | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 46    | U         | 46  | 50.4 | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 40    | U         | 40  | 50.4 | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 51    | U         | 51  | 50.4 | 390        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 40    | U         | 40  | 50.4 | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 140   | U         | 140 | 97.7 | 390        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 33    | U         | 33  | 50.4 | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 49    | U         | 49  | 50.4 | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 44    | U         | 44  | 50.4 | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 94    | U         | 94  | 97.7 | 390        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 51    | U         | 51  | 50.4 | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 50    | U         | 50  | 50.4 | 200        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4EX2        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-01     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 15.6                  |
| 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 |
| BM047911.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 57    | U         | 57  | 50.4 | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 53    | U         | 53  | 50.4 | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 26    | U         | 26  | 50.4 | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 50    | U         | 50  | 50.4 | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 25    | U         | 25  | 50.4 | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 51    | U         | 51  | 50.4 | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 24    | U         | 24  | 97.7 | 390        | ug/Kg |
| 83-32-9    | Acenaphthene               | 49    | U         | 49  | 50.4 | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 140   | U         | 140 | 97.7 | 390        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 49    | U         | 49  | 97.7 | 390        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 55    | U         | 55  | 50.4 | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 32    | U         | 32  | 50.4 | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 71    | U         | 71  | 50.4 | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 53    | U         | 53  | 50.4 | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 56    | U         | 56  | 50.4 | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 50    | U         | 50  | 97.7 | 390        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 19    | U         | 19  | 97.7 | 390        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 50    | U         | 50  | 50.4 | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 60    | U         | 60  | 50.4 | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 53    | U         | 53  | 50.4 | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 59    | U         | 59  | 50.4 | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 46    | U         | 46  | 97.7 | 390        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 100   | U         | 100 | 97.7 | 390        | ug/Kg |
| 85-01-8    | Phenanthrene               | 52    | U         | 52  | 50.4 | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 60    | U         | 60  | 50.4 | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 51    | U         | 51  | 50.4 | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 39    | U         | 39  | 50.4 | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 53    | U         | 53  | 97.7 | 390        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 50    | U         | 50  | 50.4 | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 52    | U         | 52  | 97.7 | 200        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4EX2        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-01     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 15.6                  |
| 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 |
| BM047911.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 52     | U         | 52     | 50.4 | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 38     | U         | 38     | 50.4 | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 27     | U         | 27     | 97.7 | 390        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 46     | U         | 46     | 50.4 | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 53     | U         | 53     | 50.4 | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 52     | U         | 52     | 50.4 | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 40     | U         | 40     | 97.7 | 390        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 50     | U         | 50     | 50.4 | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 53     | U         | 53     | 50.4 | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 50     | U         | 50     | 50.4 | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 44     | U         | 44     | 50.4 | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 44     | U         | 44     | 50.4 | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 41     | U         | 41     | 50.4 | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 44     | U         | 44     | 50.4 | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.419  |           | 15-120 |      | 30         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 11.831 |           | 20-120 |      | 30         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 14.079 |           | 10-130 |      | 35         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 11.99  |           | 10-150 |      | 30         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 16.105 |           | 15-120 |      | 40         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 15.27  |           | 10-140 |      | 38         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 15.873 |           | 10-135 |      | 40         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 17.595 |           | 10-120 |      | 44         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 16.648 |           | 10-140 |      | 42         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 15.473 |           | 1-145  |      | 39         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 17.258 |           | 10-145 |      | 43         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 16.654 |           | 15-120 |      | 42         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 11.06  |           | 10-150 |      | 28         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 17.567 |           | 20-140 |      | 44         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4EX2        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4131-01     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 15.6                  |
| 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 |
| BM047911.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163651      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 8.624   |           | 10-130 |     | 22         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 17.456  |           | 10-150 |     | 44         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 19.145  |           | 10-130 |     | 48         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 18.45   |           | 10-140 |     | 46         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 365324  | 7.792     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1492258 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 918846  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1832870 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1658948 | 21.392    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1864996 | 24.391    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 380     | J         |        |     | 15.786     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 100     | J         |        |     | 18.062     |          |
| E966796                               | Total Alkanes                 | 57      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/26/2024 12:00:00 AM |
| Client Sample ID:  | SBLK712      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163712BL   | 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 |
| BM047913.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 13    | U         | 13  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 75    | U         | 75  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 43    | U         | 43  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 35    | U         | 35  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 34    | U         | 34  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 30    | U         | 30  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 27    | U         | 27  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 38    | U         | 38  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 32    | U         | 32  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 29    | U         | 29  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 23    | U         | 23  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 36    | U         | 36  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 38    | U         | 38  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 39    | U         | 39  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 43    | U         | 43  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 120   | U         | 120 | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 37    | U         | 37  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 79    | U         | 79  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 42    | U         | 42  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/26/2024 12:00:00 AM |
| Client Sample ID:  | SBLK712      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163712BL   | 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 |
| BM047913.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 48    | U         | 48  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 22    | U         | 22  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 42    | U         | 42  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 21    | U         | 21  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 20    | U         | 20  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 120   | U         | 120 | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 41    | U         | 41  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 46    | U         | 46  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 60    | U         | 60  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 47    | U         | 47  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 42    | U         | 42  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 16    | U         | 16  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 42    | U         | 42  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 51    | U         | 51  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 39    | U         | 39  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 87    | U         | 87  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 44    | U         | 44  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 51    | U         | 51  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 45    | U         | 45  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 42    | U         | 42  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 44    | U         | 44  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/26/2024 12:00:00 AM |
| Client Sample ID:  | SBLK712      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163712BL   | 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 |
| BM047913.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 44     | U         | 44     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 32     | U         | 32     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 23     | U         | 23     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 39     | U         | 39     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 45     | U         | 45     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 44     | U         | 44     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 34     | U         | 34     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 42     | U         | 42     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 45     | U         | 45     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 42     | U         | 42     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 35     | U         | 35     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.654  |           | 15-120 |      | 46         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 17.775 |           | 20-120 |      | 44         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 18.897 |           | 10-130 |      | 47         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 17.138 |           | 10-150 |      | 43         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 21.744 |           | 15-120 |      | 54         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 19.702 |           | 10-140 |      | 49         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 22.316 |           | 10-135 |      | 56         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 24.609 |           | 10-120 |      | 62         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 22.113 |           | 10-140 |      | 55         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 20.81  |           | 1-145  |      | 52         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 22.339 |           | 10-145 |      | 56         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 21.689 |           | 15-120 |      | 54         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 16.906 |           | 10-150 |      | 42         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 22.112 |           | 20-140 |      | 55         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/26/2024 12:00:00 AM |
| Client Sample ID:  | SBLK712      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163712BL   | 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 |
| BM047913.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 15.884  |           | 10-130 |     | 40         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 22.037  |           | 10-150 |     | 55         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 23.641  |           | 10-130 |     | 59         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 23.209  |           | 10-140 |     | 58         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 295965  | 7.793     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1162907 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 720105  | 14.433    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1467576 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1350928 | 21.398    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1502640 | 24.397    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 48      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4ET9        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-17     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 59.7                  |
| 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 |
| BM047914.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163648      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 32    | U         | 32  | 16.4 | 170        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 190   | U         | 190 | 200  | 820        | ug/Kg |
| 110-86-1       | Pyridine                    | 110   | U         | 110 | 410  | 820        | ug/Kg |
| 108-95-2       | Phenol                      | 87    | U         | 87  | 200  | 820        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 84    | U         | 84  | 200  | 820        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 69    | U         | 69  | 110  | 420        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 74    | U         | 74  | 200  | 820        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 67    | U         | 67  | 200  | 820        | ug/Kg |
| 98-86-2        | Acetophenone                | 95    | J         | 94  | 200  | 820        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 79    | U         | 79  | 200  | 820        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 72    | U         | 72  | 110  | 420        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 57    | U         | 57  | 110  | 420        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 89    | U         | 89  | 110  | 420        | ug/Kg |
| 78-59-1        | Isophorone                  | 84    | U         | 84  | 110  | 420        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 79    | U         | 79  | 110  | 420        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 69    | U         | 69  | 110  | 420        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 94    | U         | 94  | 110  | 420        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 97    | U         | 97  | 110  | 420        | ug/Kg |
| 91-20-3        | Naphthalene                 | 84    | U         | 84  | 110  | 420        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 110   | U         | 110 | 110  | 820        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 84    | U         | 84  | 110  | 420        | ug/Kg |
| 105-60-2       | Caprolactam                 | 300   | U         | 300 | 200  | 820        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 69    | U         | 69  | 110  | 420        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 100   | U         | 100 | 110  | 420        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 92    | U         | 92  | 110  | 420        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 200   | U         | 200 | 200  | 820        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 110   | U         | 110 | 110  | 420        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 100   | U         | 100 | 110  | 420        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4ET9        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-17     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 59.7                  |
| 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 |
| BM047914.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163648      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 120   | U         | 120 | 110 | 420        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 110   | U         | 110 | 110 | 420        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 55    | U         | 55  | 110 | 420        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 100   | U         | 100 | 110 | 420        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 52    | U         | 52  | 110 | 420        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 110   | U         | 110 | 110 | 420        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 50    | U         | 50  | 200 | 820        | ug/Kg |
| 83-32-9    | Acenaphthene               | 100   | U         | 100 | 110 | 420        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 300   | U         | 300 | 200 | 820        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 100   | U         | 100 | 200 | 820        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 110   | U         | 110 | 110 | 420        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 67    | U         | 67  | 110 | 420        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 150   | U         | 150 | 110 | 420        | ug/Kg |
| 86-73-7    | Fluorene                   | 110   | U         | 110 | 110 | 420        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 120   | U         | 120 | 110 | 420        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 100   | U         | 100 | 200 | 820        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 40    | U         | 40  | 200 | 820        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 100   | U         | 100 | 110 | 420        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 130   | U         | 130 | 110 | 420        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 110   | U         | 110 | 110 | 420        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 120   | U         | 120 | 110 | 420        | ug/Kg |
| 1912-24-9  | Atrazine                   | 97    | U         | 97  | 200 | 820        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 220   | U         | 220 | 200 | 820        | ug/Kg |
| 85-01-8    | Phenanthrene               | 110   | U         | 110 | 110 | 420        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 130   | U         | 130 | 110 | 420        | ug/Kg |
| 120-12-7   | Anthracene                 | 110   | U         | 110 | 110 | 420        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 82    | U         | 82  | 110 | 420        | ug/Kg |
| 86-74-8    | Carbazole                  | 110   | U         | 110 | 200 | 820        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 100   | U         | 100 | 110 | 420        | ug/Kg |
| 206-44-0   | Fluoranthene               | 170   | J         | 110 | 200 | 420        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4ET9        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-17     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 59.7                  |
| 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 |
| BM047914.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163648      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 110    | J         | 110    | 110 | 420        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 79     | U         | 79     | 110 | 420        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 57     | U         | 57     | 200 | 820        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 97     | U         | 97     | 110 | 420        | ug/Kg    |
| 218-01-9          | Chrysene                    | 110    | U         | 110    | 110 | 420        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 110    | U         | 110    | 110 | 420        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 84     | U         | 84     | 200 | 820        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 110    | J         | 100    | 110 | 420        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 110    | U         | 110    | 110 | 420        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 100    | U         | 100    | 110 | 420        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 92     | U         | 92     | 110 | 420        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 92     | U         | 92     | 110 | 420        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 87     | U         | 87     | 110 | 420        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 92     | U         | 92     | 110 | 420        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 0.825  | *         | 15-120 |     | 10         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.56   | *         | 20-120 |     | 1          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 9.099  |           | 10-130 |     | 23         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 8.001  |           | 10-150 |     | 20         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 10.292 |           | 15-120 |     | 26         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 8.742  |           | 10-140 |     | 22         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 9.97   |           | 10-135 |     | 25         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 10.92  |           | 10-120 |     | 27         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 10.808 |           | 10-140 |     | 27         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 7.183  |           | 1-145  |     | 18         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 10.912 |           | 10-145 |     | 27         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 10.535 |           | 15-120 |     | 26         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.519  |           | 10-150 |     | 16         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 11.332 |           | 20-140 |     | 28         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/19/2024 12:00:00 AM |
| Client Sample ID:  | A4ET9        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4109-17     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 59.7                  |
| 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 |
| BM047914.D        | 1         | 9/24/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163648      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 5.545   |           | 10-130 |     | 14         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 10.576  |           | 10-150 |     | 26         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 10.457  |           | 10-130 |     | 26         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 8.448   |           | 10-140 |     | 21         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 317265  | 7.792     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1292982 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 790948  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1590206 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1460368 | 21.392    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1628236 | 24.397    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 120     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EN2        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-22     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 47.5                  |
| 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 |
| BM047915.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 25    | U         | 25  | 12.6 | 130        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 140   | U         | 140 | 160  | 630        | ug/Kg |
| 110-86-1       | Pyridine                    | 82    | U         | 82  | 310  | 630        | ug/Kg |
| 108-95-2       | Phenol                      | 67    | U         | 67  | 160  | 630        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 65    | U         | 65  | 160  | 630        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 53    | U         | 53  | 81   | 320        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 57    | U         | 57  | 160  | 630        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 51    | U         | 51  | 160  | 630        | ug/Kg |
| 98-86-2        | Acetophenone                | 72    | U         | 72  | 160  | 630        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 61    | U         | 61  | 160  | 630        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 55    | U         | 55  | 81   | 320        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 44    | U         | 44  | 81   | 320        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 69    | U         | 69  | 81   | 320        | ug/Kg |
| 78-59-1        | Isophorone                  | 65    | U         | 65  | 81   | 320        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 61    | U         | 61  | 81   | 320        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 53    | U         | 53  | 81   | 320        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 72    | U         | 72  | 81   | 320        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 74    | U         | 74  | 81   | 320        | ug/Kg |
| 91-20-3        | Naphthalene                 | 65    | U         | 65  | 81   | 320        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 82    | U         | 82  | 81   | 630        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 65    | U         | 65  | 81   | 320        | ug/Kg |
| 105-60-2       | Caprolactam                 | 230   | U         | 230 | 160  | 630        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 53    | U         | 53  | 81   | 320        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 78    | U         | 78  | 81   | 320        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 70    | U         | 70  | 81   | 320        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 150   | U         | 150 | 160  | 630        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 82    | U         | 82  | 81   | 320        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 80    | U         | 80  | 81   | 320        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EN2        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-22     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 47.5                  |
| 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 |
| BM047915.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 91    | U         | 91  | 81  | 320        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 86    | U         | 86  | 81  | 320        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 42    | U         | 42  | 81  | 320        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 80    | U         | 80  | 81  | 320        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 40    | U         | 40  | 81  | 320        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 82    | U         | 82  | 81  | 320        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 38    | U         | 38  | 160 | 630        | ug/Kg |
| 83-32-9    | Acenaphthene               | 78    | U         | 78  | 81  | 320        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 230   | U         | 230 | 160 | 630        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 78    | U         | 78  | 160 | 630        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 88    | U         | 88  | 81  | 320        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 51    | U         | 51  | 81  | 320        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 110   | U         | 110 | 81  | 320        | ug/Kg |
| 86-73-7    | Fluorene                   | 86    | U         | 86  | 81  | 320        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 90    | U         | 90  | 81  | 320        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 80    | U         | 80  | 160 | 630        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 30    | U         | 30  | 160 | 630        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 80    | U         | 80  | 81  | 320        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 97    | U         | 97  | 81  | 320        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 86    | U         | 86  | 81  | 320        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 95    | U         | 95  | 81  | 320        | ug/Kg |
| 1912-24-9  | Atrazine                   | 74    | U         | 74  | 160 | 630        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 170   | U         | 170 | 160 | 630        | ug/Kg |
| 85-01-8    | Phenanthrene               | 84    | U         | 84  | 81  | 320        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 97    | U         | 97  | 81  | 320        | ug/Kg |
| 120-12-7   | Anthracene                 | 82    | U         | 82  | 81  | 320        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 63    | U         | 63  | 81  | 320        | ug/Kg |
| 86-74-8    | Carbazole                  | 86    | U         | 86  | 160 | 630        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 80    | U         | 80  | 81  | 320        | ug/Kg |
| 206-44-0   | Fluoranthene               | 110   | J         | 84  | 160 | 320        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EN2        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-22     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 47.5                  |
| 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 |
| BM047915.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 84     | U         | 84     | 81  | 320        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 61     | U         | 61     | 81  | 320        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 44     | U         | 44     | 160 | 630        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 74     | U         | 74     | 81  | 320        | ug/Kg    |
| 218-01-9          | Chrysene                    | 86     | U         | 86     | 81  | 320        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 84     | U         | 84     | 81  | 320        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 65     | U         | 65     | 160 | 630        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 80     | U         | 80     | 81  | 320        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 86     | U         | 86     | 81  | 320        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 80     | U         | 80     | 81  | 320        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 70     | U         | 70     | 81  | 320        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 70     | U         | 70     | 81  | 320        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 67     | U         | 67     | 81  | 320        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 70     | U         | 70     | 81  | 320        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 0.865  | *         | 15-120 |     | 11         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.567  | *         | 20-120 |     | 1          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 8.432  |           | 10-130 |     | 21         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 7.626  |           | 10-150 |     | 19         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 9.745  |           | 15-120 |     | 24         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 8.648  |           | 10-140 |     | 22         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 9.265  |           | 10-135 |     | 23         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 10.199 |           | 10-120 |     | 25         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 9.815  |           | 10-140 |     | 25         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 8.293  |           | 1-145  |     | 21         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 10.08  |           | 10-145 |     | 25         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 9.792  |           | 15-120 |     | 24         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 5.418  |           | 10-150 |     | 14         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 10.359 |           | 20-140 |     | 26         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EN2        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-22     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 47.5                  |
| 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 |
| BM047915.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 4.678   |           | 10-130 |     | 12         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 9.912   |           | 10-150 |     | 25         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 9.677   |           | 10-130 |     | 24         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 8.036   |           | 10-140 |     | 20         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 246010  | 7.793     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 985966  | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 604738  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1229479 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1133903 | 21.392    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1263695 | 24.391    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 230     | J         |        |     | 15.78      |          |
| E966796                               | Total Alkanes                 | 91      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/26/2024 12:00:00 AM |
| Client Sample ID:  | SBLK712      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163712BL   | 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 |
| BM047917.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 13    | U         | 13  | 6.6  | 67         | ug/Kg |
| 110-86-1       | Pyridine                    | 43    | U         | 43  | 170  | 330        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 75    | U         | 75  | 82.5 | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 35    | U         | 35  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 34    | U         | 34  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 30    | U         | 30  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 27    | U         | 27  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 38    | U         | 38  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 32    | U         | 32  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 29    | U         | 29  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 23    | U         | 23  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 36    | U         | 36  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 38    | U         | 38  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 39    | U         | 39  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 43    | U         | 43  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 120   | U         | 120 | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 37    | U         | 37  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 79    | U         | 79  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 42    | U         | 42  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/26/2024 12:00:00 AM |
| Client Sample ID:  | SBLK712      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163712BL   | 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 |
| BM047917.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 48    | U         | 48  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 22    | U         | 22  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 42    | U         | 42  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 21    | U         | 21  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 20    | U         | 20  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 120   | U         | 120 | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 41    | U         | 41  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 46    | U         | 46  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 60    | U         | 60  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 47    | U         | 47  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 42    | U         | 42  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 16    | U         | 16  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 42    | U         | 42  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 51    | U         | 51  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 39    | U         | 39  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 87    | U         | 87  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 44    | U         | 44  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 51    | U         | 51  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 45    | U         | 45  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 42    | U         | 42  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 44    | U         | 44  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/26/2024 12:00:00 AM |
| Client Sample ID:  | SBLK712      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163712BL   | 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 |
| BM047917.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 44     | U         | 44     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 32     | U         | 32     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 23     | U         | 23     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 39     | U         | 39     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 45     | U         | 45     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 44     | U         | 44     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 34     | U         | 34     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 42     | U         | 42     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 45     | U         | 45     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 42     | U         | 42     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 35     | U         | 35     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.762  |           | 15-120 |      | 47         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 17.438 |           | 20-120 |      | 44         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 18.973 |           | 10-130 |      | 47         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 16.792 |           | 10-150 |      | 42         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 22.219 |           | 15-120 |      | 56         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 20.093 |           | 10-140 |      | 50         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 21.578 |           | 10-135 |      | 54         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 23.984 |           | 10-120 |      | 60         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 22.082 |           | 10-140 |      | 55         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 20.831 |           | 1-145  |      | 52         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 22.026 |           | 10-145 |      | 55         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 21.681 |           | 15-120 |      | 54         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 16.756 |           | 10-150 |      | 42         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 22.045 |           | 20-140 |      | 55         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/26/2024 12:00:00 AM |
| Client Sample ID:  | SBLK712      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163712BL   | 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 |
| BM047917.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 14.906  |           | 10-130 |     | 37         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 22.128  |           | 10-150 |     | 55         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 24.041  |           | 10-130 |     | 60         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 23.319  |           | 10-140 |     | 58         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 274630  | 7.792     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1103465 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 672009  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1344581 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1217817 | 21.391    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1393735 | 24.391    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 48      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | A4EK8        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-03     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 30.7                  |
| 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 |
| BM047918.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 19    | U         | 19  | 9.5  | 96         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 110   | U         | 110 | 120  | 480        | ug/Kg |
| 110-86-1       | Pyridine                    | 62    | U         | 62  | 240  | 480        | ug/Kg |
| 108-95-2       | Phenol                      | 51    | U         | 51  | 120  | 480        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 49    | U         | 49  | 120  | 480        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 40    | U         | 40  | 61.3 | 250        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 43    | U         | 43  | 120  | 480        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 39    | U         | 39  | 120  | 480        | ug/Kg |
| 98-86-2        | Acetophenone                | 55    | U         | 55  | 120  | 480        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 46    | U         | 46  | 120  | 480        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 42    | U         | 42  | 61.3 | 250        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 33    | U         | 33  | 61.3 | 250        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 52    | U         | 52  | 61.3 | 250        | ug/Kg |
| 78-59-1        | Isophorone                  | 49    | U         | 49  | 61.3 | 250        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 46    | U         | 46  | 61.3 | 250        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 40    | U         | 40  | 61.3 | 250        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 55    | U         | 55  | 61.3 | 250        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 56    | U         | 56  | 61.3 | 250        | ug/Kg |
| 91-20-3        | Naphthalene                 | 49    | U         | 49  | 61.3 | 250        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 62    | U         | 62  | 61.3 | 480        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 49    | U         | 49  | 61.3 | 250        | ug/Kg |
| 105-60-2       | Caprolactam                 | 170   | U         | 170 | 120  | 480        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 40    | U         | 40  | 61.3 | 250        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 59    | U         | 59  | 61.3 | 250        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 53    | U         | 53  | 61.3 | 250        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 110   | U         | 110 | 120  | 480        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 62    | U         | 62  | 61.3 | 250        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 61    | U         | 61  | 61.3 | 250        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | A4EK8        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-03     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 30.7                  |
| 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 |
| BM047918.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 69    | U         | 69  | 61.3 | 250        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 65    | U         | 65  | 61.3 | 250        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 32    | U         | 32  | 61.3 | 250        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 61    | U         | 61  | 61.3 | 250        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 30    | U         | 30  | 61.3 | 250        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 62    | U         | 62  | 61.3 | 250        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 29    | U         | 29  | 120  | 480        | ug/Kg |
| 83-32-9    | Acenaphthene               | 59    | U         | 59  | 61.3 | 250        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 170   | U         | 170 | 120  | 480        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 59    | U         | 59  | 120  | 480        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 66    | U         | 66  | 61.3 | 250        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 39    | U         | 39  | 61.3 | 250        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 87    | U         | 87  | 61.3 | 250        | ug/Kg |
| 86-73-7    | Fluorene                   | 65    | U         | 65  | 61.3 | 250        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 68    | U         | 68  | 61.3 | 250        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 61    | U         | 61  | 120  | 480        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 23    | U         | 23  | 120  | 480        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 61    | U         | 61  | 61.3 | 250        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 74    | U         | 74  | 61.3 | 250        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 65    | U         | 65  | 61.3 | 250        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 72    | U         | 72  | 61.3 | 250        | ug/Kg |
| 1912-24-9  | Atrazine                   | 56    | U         | 56  | 120  | 480        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 130   | U         | 130 | 120  | 480        | ug/Kg |
| 85-01-8    | Phenanthrene               | 140   | J         | 63  | 61.3 | 250        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 74    | U         | 74  | 61.3 | 250        | ug/Kg |
| 120-12-7   | Anthracene                 | 62    | U         | 62  | 61.3 | 250        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 48    | U         | 48  | 61.3 | 250        | ug/Kg |
| 86-74-8    | Carbazole                  | 65    | U         | 65  | 120  | 480        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 61    | U         | 61  | 61.3 | 250        | ug/Kg |
| 206-44-0   | Fluoranthene               | 200   | J         | 63  | 120  | 250        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | A4EK8        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-03     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 30.7                  |
| 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 |
| BM047918.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 160    | J         | 63     | 61.3 | 250        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 46     | U         | 46     | 61.3 | 250        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 33     | U         | 33     | 120  | 480        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 100    | J         | 56     | 61.3 | 250        | ug/Kg    |
| 218-01-9          | Chrysene                    | 99     | J         | 65     | 61.3 | 250        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 63     | U         | 63     | 61.3 | 250        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 49     | U         | 49     | 120  | 480        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 110    | J         | 61     | 61.3 | 250        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 65     | U         | 65     | 61.3 | 250        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 94     | J         | 61     | 61.3 | 250        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 53     | U         | 53     | 61.3 | 250        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 53     | U         | 53     | 61.3 | 250        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 54     | J         | 51     | 61.3 | 250        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 53     | U         | 53     | 61.3 | 250        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.893  |           | 15-120 |      | 36         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 13.741 |           | 20-120 |      | 34         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 22.632 |           | 10-130 |      | 57         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 19.403 |           | 10-150 |      | 49         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 25.589 |           | 15-120 |      | 64         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 24.508 |           | 10-140 |      | 61         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 26.007 |           | 10-135 |      | 65         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 29.126 |           | 10-120 |      | 73         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 27.506 |           | 10-140 |      | 69         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.452 |           | 1-145  |      | 59         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 27.834 |           | 10-145 |      | 70         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 27.824 |           | 15-120 |      | 70         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 18.669 |           | 10-150 |      | 47         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.917 |           | 20-140 |      | 72         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | A4EK8        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-03     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 30.7                  |
| 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 |
| BM047918.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number                            | Parameter                       | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|---------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2   | 17.406  |           | 10-130 |     | 44         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                  | 27.914  |           | 10-150 |     | 70         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                      | 29.741  |           | 10-130 |     | 74         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12              | 29.895  |           | 10-140 |     | 75         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                 |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4          | 214766  | 7.792     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                  | 850692  | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                | 510988  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                | 1048835 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                    | 1009861 | 21.391    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                    | 1133783 | 24.391    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                 |         |           |        |     |            |          |
| 000123-04-6                           | Heptane, 3-(chloromethyl)-      | 510     | J         |        |     | 7.686      |          |
| 000119-61-9                           | Benzophenone                    | 610     | J         |        |     | 15.78      |          |
| 000638-53-9                           | Tridecanoic acid                | 170     | J         |        |     | 18.062     |          |
| 002437-79-8                           | 1,1-Biphenyl, 2,2,4,4-tetrachlo | 110     | J         |        |     | 18.239     |          |
| E966796                               | Total Alkanes                   | 69      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL1        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-10     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 47.8                  |
| 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 |
| BM047919.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 25    | U         | 25  | 12.6 | 130        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 140   | U         | 140 | 160  | 630        | ug/Kg |
| 110-86-1       | Pyridine                    | 82    | U         | 82  | 320  | 630        | ug/Kg |
| 108-95-2       | Phenol                      | 67    | U         | 67  | 160  | 630        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 65    | U         | 65  | 160  | 630        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 54    | U         | 54  | 81.4 | 330        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 57    | U         | 57  | 160  | 630        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 52    | U         | 52  | 160  | 630        | ug/Kg |
| 98-86-2        | Acetophenone                | 73    | U         | 73  | 160  | 630        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 61    | U         | 61  | 160  | 630        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 56    | U         | 56  | 81.4 | 330        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 44    | U         | 44  | 81.4 | 330        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 69    | U         | 69  | 81.4 | 330        | ug/Kg |
| 78-59-1        | Isophorone                  | 65    | U         | 65  | 81.4 | 330        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 61    | U         | 61  | 81.4 | 330        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 54    | U         | 54  | 81.4 | 330        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 73    | U         | 73  | 81.4 | 330        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 75    | U         | 75  | 81.4 | 330        | ug/Kg |
| 91-20-3        | Naphthalene                 | 65    | U         | 65  | 81.4 | 330        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 82    | U         | 82  | 81.4 | 630        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 65    | U         | 65  | 81.4 | 330        | ug/Kg |
| 105-60-2       | Caprolactam                 | 230   | U         | 230 | 160  | 630        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 54    | U         | 54  | 81.4 | 330        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 79    | U         | 79  | 81.4 | 330        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 71    | U         | 71  | 81.4 | 330        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 150   | U         | 150 | 160  | 630        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 82    | U         | 82  | 81.4 | 330        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 80    | U         | 80  | 81.4 | 330        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL1        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-10     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 47.8                  |
| 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 |
| BM047919.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 92    | U         | 92  | 81.4 | 330        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 86    | U         | 86  | 81.4 | 330        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 42    | U         | 42  | 81.4 | 330        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 80    | U         | 80  | 81.4 | 330        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 40    | U         | 40  | 81.4 | 330        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 82    | U         | 82  | 81.4 | 330        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 38    | U         | 38  | 160  | 630        | ug/Kg |
| 83-32-9    | Acenaphthene               | 79    | U         | 79  | 81.4 | 330        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 230   | U         | 230 | 160  | 630        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 79    | U         | 79  | 160  | 630        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 88    | U         | 88  | 81.4 | 330        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 52    | U         | 52  | 81.4 | 330        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 110   | U         | 110 | 81.4 | 330        | ug/Kg |
| 86-73-7    | Fluorene                   | 86    | U         | 86  | 81.4 | 330        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 90    | U         | 90  | 81.4 | 330        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 80    | U         | 80  | 160  | 630        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 31    | U         | 31  | 160  | 630        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 80    | U         | 80  | 81.4 | 330        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 98    | U         | 98  | 81.4 | 330        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 86    | U         | 86  | 81.4 | 330        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 96    | U         | 96  | 81.4 | 330        | ug/Kg |
| 1912-24-9  | Atrazine                   | 75    | U         | 75  | 160  | 630        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 170   | U         | 170 | 160  | 630        | ug/Kg |
| 85-01-8    | Phenanthrene               | 84    | U         | 84  | 81.4 | 330        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 98    | U         | 98  | 81.4 | 330        | ug/Kg |
| 120-12-7   | Anthracene                 | 82    | U         | 82  | 81.4 | 330        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 63    | U         | 63  | 81.4 | 330        | ug/Kg |
| 86-74-8    | Carbazole                  | 86    | U         | 86  | 160  | 630        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 80    | U         | 80  | 81.4 | 330        | ug/Kg |
| 206-44-0   | Fluoranthene               | 140   | J         | 84  | 160  | 330        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL1        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-10     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 47.8                  |
| 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 |
| BM047919.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 120    | J         | 84     | 81.4 | 330        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 61     | U         | 61     | 81.4 | 330        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 44     | U         | 44     | 160  | 630        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 75     | U         | 75     | 81.4 | 330        | ug/Kg    |
| 218-01-9          | Chrysene                    | 86     | U         | 86     | 81.4 | 330        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 84     | U         | 84     | 81.4 | 330        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 65     | U         | 65     | 160  | 630        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 85     | J         | 80     | 81.4 | 330        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 86     | U         | 86     | 81.4 | 330        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 80     | U         | 80     | 81.4 | 330        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 71     | U         | 71     | 81.4 | 330        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 71     | U         | 71     | 81.4 | 330        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 67     | U         | 67     | 81.4 | 330        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 71     | U         | 71     | 81.4 | 330        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.915  |           | 15-120 |      | 36         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 12.455 |           | 20-120 |      | 31         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 20.285 |           | 10-130 |      | 51         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 17.721 |           | 10-150 |      | 44         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 23.021 |           | 15-120 |      | 58         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 21.607 |           | 10-140 |      | 54         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 23.521 |           | 10-135 |      | 59         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 26.39  |           | 10-120 |      | 66         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 24.873 |           | 10-140 |      | 62         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 21.273 |           | 1-145  |      | 53         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 24.876 |           | 10-145 |      | 62         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 25.16  |           | 15-120 |      | 63         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 16.66  |           | 10-150 |      | 42         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.838 |           | 20-140 |      | 65         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL1        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-10     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 47.8                  |
| 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 |
| BM047919.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 15.126  |           | 10-130 |     | 38         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 24.7    |           | 10-150 |     | 62         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 26.872  |           | 10-130 |     | 67         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 26.42   |           | 10-140 |     | 66         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 229120  | 7.792     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 910378  | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 541819  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1099825 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1034729 | 21.392    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1165841 | 24.391    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                       | 970     | J         |        |     | 15.78      |          |
| 000947-19-3                           | Methanone, (1-hydroxycyclohexyl)ph | 140     | J         |        |     | 16.345     |          |
| 007012-37-5                           | 1,1-Biphenyl, 2,4,4-trichloro-     | 190     | J         |        |     | 17.768     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 220     | J         |        |     | 18.062     |          |
| 000506-51-4                           | n-Tetracosanol-1                   | 250     | J         |        |     | 21.068     |          |
| E966796                               | Total Alkanes                      | 92      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL2        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-11     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 45.5                  |
| Sample Wt/Vol:     | 30.1         | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 500                   |
|                    |              |                 | uL                    |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Cleanup :   | PH :                  |
|                    | GPC Factor : |                 |                       |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047920.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 24    | U         | 24  | 12.1 | 120        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 140   | U         | 140 | 150  | 600        | ug/Kg |
| 110-86-1       | Pyridine                    | 79    | U         | 79  | 300  | 600        | ug/Kg |
| 108-95-2       | Phenol                      | 64    | U         | 64  | 150  | 600        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 62    | U         | 62  | 150  | 600        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 51    | U         | 51  | 77.7 | 310        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 55    | U         | 55  | 150  | 600        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 49    | U         | 49  | 150  | 600        | ug/Kg |
| 98-86-2        | Acetophenone                | 69    | U         | 69  | 150  | 600        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 59    | U         | 59  | 150  | 600        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 53    | U         | 53  | 77.7 | 310        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 42    | U         | 42  | 77.7 | 310        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 66    | U         | 66  | 77.7 | 310        | ug/Kg |
| 78-59-1        | Isophorone                  | 62    | U         | 62  | 77.7 | 310        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 59    | U         | 59  | 77.7 | 310        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 51    | U         | 51  | 77.7 | 310        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 69    | U         | 69  | 77.7 | 310        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 71    | U         | 71  | 77.7 | 310        | ug/Kg |
| 91-20-3        | Naphthalene                 | 62    | U         | 62  | 77.7 | 310        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 79    | U         | 79  | 77.7 | 600        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 62    | U         | 62  | 77.7 | 310        | ug/Kg |
| 105-60-2       | Caprolactam                 | 220   | U         | 220 | 150  | 600        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 51    | U         | 51  | 77.7 | 310        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 75    | U         | 75  | 77.7 | 310        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 68    | U         | 68  | 77.7 | 310        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 140   | U         | 140 | 150  | 600        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 79    | U         | 79  | 77.7 | 310        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 77    | U         | 77  | 77.7 | 310        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL2                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-11              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 45.5                  |
| 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 |
| BM047920.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 88    | U         | 88  | 77.7 | 310        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 82    | U         | 82  | 77.7 | 310        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 40    | U         | 40  | 77.7 | 310        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 77    | U         | 77  | 77.7 | 310        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 38    | U         | 38  | 77.7 | 310        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 79    | U         | 79  | 77.7 | 310        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 37    | U         | 37  | 150  | 600        | ug/Kg |
| 83-32-9    | Acenaphthene               | 75    | U         | 75  | 77.7 | 310        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 220   | U         | 220 | 150  | 600        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 75    | U         | 75  | 150  | 600        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 84    | U         | 84  | 77.7 | 310        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 49    | U         | 49  | 77.7 | 310        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 110   | U         | 110 | 77.7 | 310        | ug/Kg |
| 86-73-7    | Fluorene                   | 82    | U         | 82  | 77.7 | 310        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 86    | U         | 86  | 77.7 | 310        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 77    | U         | 77  | 150  | 600        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 29    | U         | 29  | 150  | 600        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 77    | U         | 77  | 77.7 | 310        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 93    | U         | 93  | 77.7 | 310        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 82    | U         | 82  | 77.7 | 310        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 91    | U         | 91  | 77.7 | 310        | ug/Kg |
| 1912-24-9  | Atrazine                   | 71    | U         | 71  | 150  | 600        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 160   | U         | 160 | 150  | 600        | ug/Kg |
| 85-01-8    | Phenanthrene               | 190   | J         | 80  | 77.7 | 310        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 93    | U         | 93  | 77.7 | 310        | ug/Kg |
| 120-12-7   | Anthracene                 | 79    | U         | 79  | 77.7 | 310        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 60    | U         | 60  | 77.7 | 310        | ug/Kg |
| 86-74-8    | Carbazole                  | 82    | U         | 82  | 150  | 600        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 77    | U         | 77  | 77.7 | 310        | ug/Kg |
| 206-44-0   | Fluoranthene               | 310   |           | 80  | 150  | 310        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL2                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-11              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 45.5                  |
| 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 |
| BM047920.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 280    | J         | 80     | 77.7 | 310        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 59     | U         | 59     | 77.7 | 310        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 42     | U         | 42     | 150  | 600        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 150    | J         | 71     | 77.7 | 310        | ug/Kg    |
| 218-01-9          | Chrysene                    | 150    | J         | 82     | 77.7 | 310        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 80     | U         | 80     | 77.7 | 310        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 62     | U         | 62     | 150  | 600        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 170    | J         | 77     | 77.7 | 310        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 82     | U         | 82     | 77.7 | 310        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 140    | J         | 77     | 77.7 | 310        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 69     | J         | 68     | 77.7 | 310        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 68     | U         | 68     | 77.7 | 310        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 85     | J         | 64     | 77.7 | 310        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 68     | U         | 68     | 77.7 | 310        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.641  |           | 15-120 |      | 33         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 11.302 |           | 20-120 |      | 28         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 20.33  |           | 10-130 |      | 51         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 17.146 |           | 10-150 |      | 43         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 22.928 |           | 15-120 |      | 57         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 22.095 |           | 10-140 |      | 55         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 22.419 |           | 10-135 |      | 56         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 25.65  |           | 10-120 |      | 64         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 24.765 |           | 10-140 |      | 62         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 20.639 |           | 1-145  |      | 52         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 25.215 |           | 10-145 |      | 63         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 24.888 |           | 15-120 |      | 62         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 18.171 |           | 10-150 |      | 45         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 26.022 |           | 20-140 |      | 65         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL2              | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-11           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 45.5                  |
| 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 |
| BM047920.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 15.707  |           | 10-130 |     | 39         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 25.734  |           | 10-150 |     | 64         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 28.779  |           | 10-130 |     | 72         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 27.449  |           | 10-140 |     | 69         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 219817  | 7.792     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 887459  | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 535137  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1074094 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 997307  | 21.392    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1127758 | 24.391    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                       | 990     | J         |        |     | 15.786     |          |
| 000947-19-3                           | Methanone, (1-hydroxycyclohexyl)ph | 150     | J         |        |     | 16.345     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 280     | J         |        |     | 18.062     |          |
|                                       | (DEL) Alkane: Straight-Chain       | 21.074  | J         |        |     | 21.074     |          |
| E966796                               | Total Alkanes                      | 350     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EM4        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-18     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 35.6                  |
| 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 |
| BM047921.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 20    | U         | 20  | 10.2 | 100        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 120   | U         | 120 | 130  | 510        | ug/Kg |
| 110-86-1       | Pyridine                    | 67    | U         | 67  | 260  | 510        | ug/Kg |
| 108-95-2       | Phenol                      | 54    | U         | 54  | 130  | 510        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 53    | U         | 53  | 130  | 510        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 43    | U         | 43  | 66   | 260        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 47    | U         | 47  | 130  | 510        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 42    | U         | 42  | 130  | 510        | ug/Kg |
| 98-86-2        | Acetophenone                | 59    | U         | 59  | 130  | 510        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 50    | U         | 50  | 130  | 510        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 45    | U         | 45  | 66   | 260        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 36    | U         | 36  | 66   | 260        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 56    | U         | 56  | 66   | 260        | ug/Kg |
| 78-59-1        | Isophorone                  | 53    | U         | 53  | 66   | 260        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 50    | U         | 50  | 66   | 260        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 43    | U         | 43  | 66   | 260        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 59    | U         | 59  | 66   | 260        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 61    | U         | 61  | 66   | 260        | ug/Kg |
| 91-20-3        | Naphthalene                 | 53    | U         | 53  | 66   | 260        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 67    | U         | 67  | 66   | 510        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 53    | U         | 53  | 66   | 260        | ug/Kg |
| 105-60-2       | Caprolactam                 | 190   | U         | 190 | 130  | 510        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 43    | U         | 43  | 66   | 260        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 64    | U         | 64  | 66   | 260        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 57    | U         | 57  | 66   | 260        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 120   | U         | 120 | 130  | 510        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 67    | U         | 67  | 66   | 260        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 65    | U         | 65  | 66   | 260        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EM4        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-18     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 35.6                  |
| 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 |
| BM047921.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 75    | U         | 75  | 66  | 260        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 70    | U         | 70  | 66  | 260        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 34    | U         | 34  | 66  | 260        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 65    | U         | 65  | 66  | 260        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 33    | U         | 33  | 66  | 260        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 67    | U         | 67  | 66  | 260        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 31    | U         | 31  | 130 | 510        | ug/Kg |
| 83-32-9    | Acenaphthene               | 64    | U         | 64  | 66  | 260        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 190   | U         | 190 | 130 | 510        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 64    | U         | 64  | 130 | 510        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 71    | U         | 71  | 66  | 260        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 42    | U         | 42  | 66  | 260        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 93    | U         | 93  | 66  | 260        | ug/Kg |
| 86-73-7    | Fluorene                   | 70    | U         | 70  | 66  | 260        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 73    | U         | 73  | 66  | 260        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 65    | U         | 65  | 130 | 510        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 25    | U         | 25  | 130 | 510        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 65    | U         | 65  | 66  | 260        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 79    | U         | 79  | 66  | 260        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 70    | U         | 70  | 66  | 260        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 78    | U         | 78  | 66  | 260        | ug/Kg |
| 1912-24-9  | Atrazine                   | 61    | U         | 61  | 130 | 510        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 140   | U         | 140 | 130 | 510        | ug/Kg |
| 85-01-8    | Phenanthrene               | 270   |           | 68  | 66  | 260        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 79    | U         | 79  | 66  | 260        | ug/Kg |
| 120-12-7   | Anthracene                 | 67    | U         | 67  | 66  | 260        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 51    | U         | 51  | 66  | 260        | ug/Kg |
| 86-74-8    | Carbazole                  | 70    | U         | 70  | 130 | 510        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 65    | U         | 65  | 66  | 260        | ug/Kg |
| 206-44-0   | Fluoranthene               | 560   |           | 68  | 130 | 260        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EM4     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-18  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 35.6                  |
| 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 |
| BM047921.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 310    |           | 68     | 66  | 260        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 50     | U         | 50     | 66  | 260        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 36     | U         | 36     | 130 | 510        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 240    | J         | 61     | 66  | 260        | ug/Kg    |
| 218-01-9          | Chrysene                    | 270    |           | 70     | 66  | 260        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 140    | J         | 68     | 66  | 260        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 53     | U         | 53     | 130 | 510        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 330    |           | 65     | 66  | 260        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 130    | J         | 70     | 66  | 260        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 110    | J         | 65     | 66  | 260        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 84     | J         | 57     | 66  | 260        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 57     | U         | 57     | 66  | 260        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 54     | U         | 54     | 66  | 260        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 57     | U         | 57     | 66  | 260        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 1.38   |           | 15-120 |     | 17         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.64   | *         | 20-120 |     | 2          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 11.964 |           | 10-130 |     | 30         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 10.527 |           | 10-150 |     | 26         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 13.624 |           | 15-120 |     | 34         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 11.453 |           | 10-140 |     | 29         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 13.416 |           | 10-135 |     | 34         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 14.75  |           | 10-120 |     | 37         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 14.326 |           | 10-140 |     | 36         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 9.086  |           | 1-145  |     | 23         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 14.696 |           | 10-145 |     | 37         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 14.271 |           | 15-120 |     | 36         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 8.618  |           | 10-150 |     | 22         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 14.966 |           | 20-140 |     | 37         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EM4        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-18     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 35.6                  |
| 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 |
| BM047921.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number                            | Parameter                      | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|--------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2  | 7.984   |           | 10-130 |     | 20         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                 | 14.513  |           | 10-150 |     | 36         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                     | 13.265  |           | 10-130 |     | 33         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12             | 10.371  |           | 10-140 |     | 26         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4         | 219362  | 7.792     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                 | 880880  | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10               | 527139  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10               | 1053063 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                   | 993084  | 21.391    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                   | 1103764 | 24.391    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                   | 400     | J         |        |     | 15.78      |          |
| 000057-10-3                           | n-Hexadecanoic acid            | 200     | J         |        |     | 18.062     |          |
| 000203-64-5                           | 4H-Cyclopenta[def]phenanthrene | 140     | J         |        |     | 18.239     |          |
| E966796                               | Total Alkanes                  | 75      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/24/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 9/24/2024 12:00:00 AM       |
| Client Sample ID:  | A4EM2                 | SDG No.:        | BM100724                    |
| Lab Sample ID:     | P4183-06              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 31.3                        |
| 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 |
| BM047922.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 19    | U         | 19  | 9.6  | 97         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 110   | U         | 110 | 120  | 480        | ug/Kg |
| 110-86-1       | Pyridine                    | 62    | U         | 62  | 240  | 480        | ug/Kg |
| 108-95-2       | Phenol                      | 51    | U         | 51  | 120  | 480        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 49    | U         | 49  | 120  | 480        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 41    | U         | 41  | 61.7 | 250        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 44    | U         | 44  | 120  | 480        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 39    | U         | 39  | 120  | 480        | ug/Kg |
| 98-86-2        | Acetophenone                | 55    | U         | 55  | 120  | 480        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 46    | U         | 46  | 120  | 480        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 42    | U         | 42  | 61.7 | 250        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 33    | U         | 33  | 61.7 | 250        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 52    | U         | 52  | 61.7 | 250        | ug/Kg |
| 78-59-1        | Isophorone                  | 49    | U         | 49  | 61.7 | 250        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 46    | U         | 46  | 61.7 | 250        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 41    | U         | 41  | 61.7 | 250        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 55    | U         | 55  | 61.7 | 250        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 57    | U         | 57  | 61.7 | 250        | ug/Kg |
| 91-20-3        | Naphthalene                 | 49    | U         | 49  | 61.7 | 250        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 62    | U         | 62  | 61.7 | 480        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 49    | U         | 49  | 61.7 | 250        | ug/Kg |
| 105-60-2       | Caprolactam                 | 170   | U         | 170 | 120  | 480        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 41    | U         | 41  | 61.7 | 250        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 59    | U         | 59  | 61.7 | 250        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 54    | U         | 54  | 61.7 | 250        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 110   | U         | 110 | 120  | 480        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 62    | U         | 62  | 61.7 | 250        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 61    | U         | 61  | 61.7 | 250        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | A4EM2                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-06              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 31.3                  |
| 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 |
| BM047922.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 70    | U         | 70  | 61.7 | 250        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 65    | U         | 65  | 61.7 | 250        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 32    | U         | 32  | 61.7 | 250        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 61    | U         | 61  | 61.7 | 250        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 30    | U         | 30  | 61.7 | 250        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 62    | U         | 62  | 61.7 | 250        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 29    | U         | 29  | 120  | 480        | ug/Kg |
| 83-32-9    | Acenaphthene               | 59    | U         | 59  | 61.7 | 250        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 170   | U         | 170 | 120  | 480        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 59    | U         | 59  | 120  | 480        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 67    | U         | 67  | 61.7 | 250        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 39    | U         | 39  | 61.7 | 250        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 87    | U         | 87  | 61.7 | 250        | ug/Kg |
| 86-73-7    | Fluorene                   | 65    | U         | 65  | 61.7 | 250        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 68    | U         | 68  | 61.7 | 250        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 61    | U         | 61  | 120  | 480        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 23    | U         | 23  | 120  | 480        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 61    | U         | 61  | 61.7 | 250        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 74    | U         | 74  | 61.7 | 250        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 65    | U         | 65  | 61.7 | 250        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 73    | U         | 73  | 61.7 | 250        | ug/Kg |
| 1912-24-9  | Atrazine                   | 57    | U         | 57  | 120  | 480        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 130   | U         | 130 | 120  | 480        | ug/Kg |
| 85-01-8    | Phenanthrene               | 64    | U         | 64  | 61.7 | 250        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 74    | U         | 74  | 61.7 | 250        | ug/Kg |
| 120-12-7   | Anthracene                 | 62    | U         | 62  | 61.7 | 250        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 48    | U         | 48  | 61.7 | 250        | ug/Kg |
| 86-74-8    | Carbazole                  | 65    | U         | 65  | 120  | 480        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 61    | U         | 61  | 61.7 | 250        | ug/Kg |
| 206-44-0   | Fluoranthene               | 65    | J         | 64  | 120  | 250        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | A4EM2     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-06  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 31.3                  |
| 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 |
| BM047922.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 66     | J         | 64     | 61.7 | 250        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 46     | U         | 46     | 61.7 | 250        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 33     | U         | 33     | 120  | 480        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 57     | U         | 57     | 61.7 | 250        | ug/Kg    |
| 218-01-9          | Chrysene                    | 65     | U         | 65     | 61.7 | 250        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 64     | U         | 64     | 61.7 | 250        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 49     | U         | 49     | 120  | 480        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 61     | U         | 61     | 61.7 | 250        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 65     | U         | 65     | 61.7 | 250        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 61     | U         | 61     | 61.7 | 250        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 54     | U         | 54     | 61.7 | 250        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 54     | U         | 54     | 61.7 | 250        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 51     | U         | 51     | 61.7 | 250        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 54     | U         | 54     | 61.7 | 250        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.27   |           | 15-120 |      | 41         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 15.518 |           | 20-120 |      | 39         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 22.893 |           | 10-130 |      | 57         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 19.444 |           | 10-150 |      | 49         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 26.239 |           | 15-120 |      | 66         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 24.575 |           | 10-140 |      | 61         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 26.31  |           | 10-135 |      | 66         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 29.319 |           | 10-120 |      | 73         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 27.936 |           | 10-140 |      | 70         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.036 |           | 1-145  |      | 60         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 27.363 |           | 10-145 |      | 68         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 27.556 |           | 15-120 |      | 69         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 19.4   |           | 10-150 |      | 48         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.807 |           | 20-140 |      | 72         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | A4EM2              | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-06           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 31.3                  |
| 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 |
| BM047922.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 15.9    |           | 10-130 |     | 40         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 28.201  |           | 10-150 |     | 71         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 31.02   |           | 10-130 |     | 78         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 30.2    |           | 10-140 |     | 75         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 224978  | 7.793     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 886406  | 10.587    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 548839  | 14.428    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1100501 | 17.169    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1027546 | 21.392    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1151049 | 24.392    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 013029-08-8                           | 1,1-Biphenyl, 2,2-dichloro-   | 110     | J         |        |     | 15.681     |          |
| 000119-61-9                           | Benzophenone                  | 700     | J         |        |     | 15.781     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 140     | J         |        |     | 18.063     |          |
|                                       | (DEL) Alkane: Straight-Chain  | 21.069  | J         |        |     | 21.069     |          |
| E966796                               | Total Alkanes                 | 160     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL9     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-16  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 26.5                  |
| 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 |
| BM047923.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 18    | U         | 18  | 9    | 91         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 100   | U         | 100 | 110  | 450        | ug/Kg |
| 110-86-1       | Pyridine                    | 59    | U         | 59  | 220  | 450        | ug/Kg |
| 108-95-2       | Phenol                      | 48    | U         | 48  | 110  | 450        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 46    | U         | 46  | 110  | 450        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 38    | U         | 38  | 57.8 | 230        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 41    | U         | 41  | 110  | 450        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 37    | U         | 37  | 110  | 450        | ug/Kg |
| 98-86-2        | Acetophenone                | 52    | U         | 52  | 110  | 450        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 44    | U         | 44  | 110  | 450        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 39    | U         | 39  | 57.8 | 230        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 31    | U         | 31  | 57.8 | 230        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 49    | U         | 49  | 57.8 | 230        | ug/Kg |
| 78-59-1        | Isophorone                  | 46    | U         | 46  | 57.8 | 230        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 44    | U         | 44  | 57.8 | 230        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 38    | U         | 38  | 57.8 | 230        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 52    | U         | 52  | 57.8 | 230        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 53    | U         | 53  | 57.8 | 230        | ug/Kg |
| 91-20-3        | Naphthalene                 | 46    | U         | 46  | 57.8 | 230        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 59    | U         | 59  | 57.8 | 450        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 46    | U         | 46  | 57.8 | 230        | ug/Kg |
| 105-60-2       | Caprolactam                 | 160   | U         | 160 | 110  | 450        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 38    | U         | 38  | 57.8 | 230        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 56    | U         | 56  | 57.8 | 230        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 50    | U         | 50  | 57.8 | 230        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 110   | U         | 110 | 110  | 450        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 59    | U         | 59  | 57.8 | 230        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 57    | U         | 57  | 57.8 | 230        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL9        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-16     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 26.5                  |
| 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 |
| BM047923.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 65    | U         | 65  | 57.8 | 230        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 61    | U         | 61  | 57.8 | 230        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 30    | U         | 30  | 57.8 | 230        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 57    | U         | 57  | 57.8 | 230        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 29    | U         | 29  | 57.8 | 230        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 59    | U         | 59  | 57.8 | 230        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 27    | U         | 27  | 110  | 450        | ug/Kg |
| 83-32-9    | Acenaphthene               | 56    | U         | 56  | 57.8 | 230        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 160   | U         | 160 | 110  | 450        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 56    | U         | 56  | 110  | 450        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 63    | U         | 63  | 57.8 | 230        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 37    | U         | 37  | 57.8 | 230        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 82    | U         | 82  | 57.8 | 230        | ug/Kg |
| 86-73-7    | Fluorene                   | 61    | U         | 61  | 57.8 | 230        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 64    | U         | 64  | 57.8 | 230        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 57    | U         | 57  | 110  | 450        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 22    | U         | 22  | 110  | 450        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 57    | U         | 57  | 57.8 | 230        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 69    | U         | 69  | 57.8 | 230        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 61    | U         | 61  | 57.8 | 230        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 68    | U         | 68  | 57.8 | 230        | ug/Kg |
| 1912-24-9  | Atrazine                   | 53    | U         | 53  | 110  | 450        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 120   | U         | 120 | 110  | 450        | ug/Kg |
| 85-01-8    | Phenanthrene               | 60    | U         | 60  | 57.8 | 230        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 69    | U         | 69  | 57.8 | 230        | ug/Kg |
| 120-12-7   | Anthracene                 | 59    | U         | 59  | 57.8 | 230        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 45    | U         | 45  | 57.8 | 230        | ug/Kg |
| 86-74-8    | Carbazole                  | 61    | U         | 61  | 110  | 450        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 57    | U         | 57  | 57.8 | 230        | ug/Kg |
| 206-44-0   | Fluoranthene               | 60    | U         | 60  | 110  | 230        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL9        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-16     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 26.5                  |
| 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 |
| BM047923.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 60     | U         | 60     | 57.8 | 230        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 44     | U         | 44     | 57.8 | 230        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 31     | U         | 31     | 110  | 450        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 53     | U         | 53     | 57.8 | 230        | ug/Kg    |
| 218-01-9          | Chrysene                    | 61     | U         | 61     | 57.8 | 230        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 60     | U         | 60     | 57.8 | 230        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 46     | U         | 46     | 110  | 450        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 57     | U         | 57     | 57.8 | 230        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 61     | U         | 61     | 57.8 | 230        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 57     | U         | 57     | 57.8 | 230        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 50     | U         | 50     | 57.8 | 230        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 50     | U         | 50     | 57.8 | 230        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 48     | U         | 48     | 57.8 | 230        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 50     | U         | 50     | 57.8 | 230        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.277  |           | 15-120 |      | 41         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 15.412 |           | 20-120 |      | 39         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 25.236 |           | 10-130 |      | 63         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 20.498 |           | 10-150 |      | 51         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 27.961 |           | 15-120 |      | 70         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 27.338 |           | 10-140 |      | 68         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 27.611 |           | 10-135 |      | 69         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 31.2   |           | 10-120 |      | 78         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 29.805 |           | 10-140 |      | 75         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 26.277 |           | 1-145  |      | 66         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 29.773 |           | 10-145 |      | 74         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 29.322 |           | 15-120 |      | 73         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 21.636 |           | 10-150 |      | 54         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 30.237 |           | 20-140 |      | 76         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL9        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-16     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 26.5                  |
| 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 |
| BM047923.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 18.063  |           | 10-130 |     | 45         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 29.93   |           | 10-150 |     | 75         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 32.903  |           | 10-130 |     | 82         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 32.05   |           | 10-140 |     | 80         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 264399  | 7.792     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 1095135 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 672460  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1326043 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1205367 | 21.391    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1377326 | 24.391    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 001119-40-0                           | Pentanedioic acid, dimethyl ester  | 100     | J         |        |     | 9.51       |          |
| 000119-61-9                           | Benzophenone                       | 830     | J         |        |     | 15.786     |          |
| 000947-19-3                           | Methanone, (1-hydroxycyclohexyl)ph | 97      | J         |        |     | 16.345     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 180     | J         |        |     | 18.062     |          |
|                                       | (DEL) Alkane: Straight-Chain       | 180     | J         |        |     | 21.068     |          |
| E966796                               | Total Alkanes                      | 180     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EM5                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-19              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 32.5                  |
| 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 |
| BM047924.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 19    | U         | 19  | 9.7  | 98         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 110   | U         | 110 | 120  | 490        | ug/Kg |
| 110-86-1       | Pyridine                    | 63    | U         | 63  | 240  | 490        | ug/Kg |
| 108-95-2       | Phenol                      | 52    | U         | 52  | 120  | 490        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 50    | U         | 50  | 120  | 490        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 41    | U         | 41  | 62.8 | 250        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 44    | U         | 44  | 120  | 490        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 40    | U         | 40  | 120  | 490        | ug/Kg |
| 98-86-2        | Acetophenone                | 56    | U         | 56  | 120  | 490        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 47    | U         | 47  | 120  | 490        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 43    | U         | 43  | 62.8 | 250        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 34    | U         | 34  | 62.8 | 250        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 53    | U         | 53  | 62.8 | 250        | ug/Kg |
| 78-59-1        | Isophorone                  | 50    | U         | 50  | 62.8 | 250        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 47    | U         | 47  | 62.8 | 250        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 41    | U         | 41  | 62.8 | 250        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 56    | U         | 56  | 62.8 | 250        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 58    | U         | 58  | 62.8 | 250        | ug/Kg |
| 91-20-3        | Naphthalene                 | 50    | U         | 50  | 62.8 | 250        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 63    | U         | 63  | 62.8 | 490        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 50    | U         | 50  | 62.8 | 250        | ug/Kg |
| 105-60-2       | Caprolactam                 | 180   | U         | 180 | 120  | 490        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 41    | U         | 41  | 62.8 | 250        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 61    | U         | 61  | 62.8 | 250        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 55    | U         | 55  | 62.8 | 250        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 120   | U         | 120 | 120  | 490        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 63    | U         | 63  | 62.8 | 250        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 62    | U         | 62  | 62.8 | 250        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EM5                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-19              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 32.5                  |
| 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 |
| BM047924.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 71    | U         | 71  | 62.8 | 250        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 66    | U         | 66  | 62.8 | 250        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 32    | U         | 32  | 62.8 | 250        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 62    | U         | 62  | 62.8 | 250        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 31    | U         | 31  | 62.8 | 250        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 63    | U         | 63  | 62.8 | 250        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 30    | U         | 30  | 120  | 490        | ug/Kg |
| 83-32-9    | Acenaphthene               | 61    | U         | 61  | 62.8 | 250        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 180   | U         | 180 | 120  | 490        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 61    | U         | 61  | 120  | 490        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 68    | U         | 68  | 62.8 | 250        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 40    | U         | 40  | 62.8 | 250        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 89    | U         | 89  | 62.8 | 250        | ug/Kg |
| 86-73-7    | Fluorene                   | 66    | U         | 66  | 62.8 | 250        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 69    | U         | 69  | 62.8 | 250        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 62    | U         | 62  | 120  | 490        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 24    | U         | 24  | 120  | 490        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 62    | U         | 62  | 62.8 | 250        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 75    | U         | 75  | 62.8 | 250        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 66    | U         | 66  | 62.8 | 250        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 74    | U         | 74  | 62.8 | 250        | ug/Kg |
| 1912-24-9  | Atrazine                   | 58    | U         | 58  | 120  | 490        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 130   | U         | 130 | 120  | 490        | ug/Kg |
| 85-01-8    | Phenanthrene               | 65    | U         | 65  | 62.8 | 250        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 75    | U         | 75  | 62.8 | 250        | ug/Kg |
| 120-12-7   | Anthracene                 | 63    | U         | 63  | 62.8 | 250        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 49    | U         | 49  | 62.8 | 250        | ug/Kg |
| 86-74-8    | Carbazole                  | 66    | U         | 66  | 120  | 490        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 62    | U         | 62  | 62.8 | 250        | ug/Kg |
| 206-44-0   | Fluoranthene               | 110   | J         | 65  | 120  | 250        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EM5     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-19  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 32.5                  |
| 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 |
| BM047924.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 100    | J         | 65     | 62.8 | 250        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 47     | U         | 47     | 62.8 | 250        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 34     | U         | 34     | 120  | 490        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 58     | U         | 58     | 62.8 | 250        | ug/Kg    |
| 218-01-9          | Chrysene                    | 66     | U         | 66     | 62.8 | 250        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 65     | U         | 65     | 62.8 | 250        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 50     | U         | 50     | 120  | 490        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 74     | J         | 62     | 62.8 | 250        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 66     | U         | 66     | 62.8 | 250        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 62     | U         | 62     | 62.8 | 250        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 55     | U         | 55     | 62.8 | 250        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 55     | U         | 55     | 62.8 | 250        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 52     | U         | 52     | 62.8 | 250        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 55     | U         | 55     | 62.8 | 250        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.427  |           | 15-120 |      | 43         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 16.18  |           | 20-120 |      | 40         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 27.394 |           | 10-130 |      | 68         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 23.118 |           | 10-150 |      | 58         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 31.055 |           | 15-120 |      | 78         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 30.308 |           | 10-140 |      | 76         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 31.165 |           | 10-135 |      | 78         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 35.827 |           | 10-120 |      | 90         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 33.453 |           | 10-140 |      | 84         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 28.813 |           | 1-145  |      | 72         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 33.475 |           | 10-145 |      | 84         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 32.974 |           | 15-120 |      | 82         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 24.865 |           | 10-150 |      | 62         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 34.158 |           | 20-140 |      | 85         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EM5              | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-19           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 32.5                  |
| 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 |
| BM047924.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number                            | Parameter                         | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-----------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2     | 20.721  |           | 10-130 |     | 52         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                    | 33.546  |           | 10-150 |     | 84         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                        | 37.616  |           | 10-130 |     | 94         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                | 36.252  |           | 10-140 |     | 91         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                   |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4            | 208229  | 7.792     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                    | 857877  | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                  | 529252  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                  | 1048388 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                      | 933177  | 21.392    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                      | 1037286 | 24.391    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                   |         |           |        |     |            |          |
| 001119-40-0                           | Pentanedioic acid, dimethyl ester | 100     | J         |        |     | 9.51       |          |
| 000119-61-9                           | Benzophenone                      | 780     | J         |        |     | 15.78      |          |
| 007012-37-5                           | 1,1-Biphenyl, 2,4,4-trichloro-    | 110     | J         |        |     | 17.768     |          |
| 000057-10-3                           | n-Hexadecanoic acid               | 240     | J         |        |     | 18.062     |          |
|                                       | (DEL) Alkane: Straight-Chain      | 270     | J         |        |     | 21.068     |          |
| E966796                               | Total Alkanes                     | 270     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EM8                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-20              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 47                    |
| 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 |
| BM047925.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 24    | U         | 24  | 12.4 | 130        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 140   | U         | 140 | 160  | 620        | ug/Kg |
| 110-86-1       | Pyridine                    | 81    | U         | 81  | 310  | 620        | ug/Kg |
| 108-95-2       | Phenol                      | 66    | U         | 66  | 160  | 620        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 64    | U         | 64  | 160  | 620        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 53    | U         | 53  | 79.9 | 320        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 56    | U         | 56  | 160  | 620        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 51    | U         | 51  | 160  | 620        | ug/Kg |
| 98-86-2        | Acetophenone                | 71    | U         | 71  | 160  | 620        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 60    | U         | 60  | 160  | 620        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 55    | U         | 55  | 79.9 | 320        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 43    | U         | 43  | 79.9 | 320        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 68    | U         | 68  | 79.9 | 320        | ug/Kg |
| 78-59-1        | Isophorone                  | 64    | U         | 64  | 79.9 | 320        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 60    | U         | 60  | 79.9 | 320        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 53    | U         | 53  | 79.9 | 320        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 71    | U         | 71  | 79.9 | 320        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 73    | U         | 73  | 79.9 | 320        | ug/Kg |
| 91-20-3        | Naphthalene                 | 64    | U         | 64  | 79.9 | 320        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 81    | U         | 81  | 79.9 | 620        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 64    | U         | 64  | 79.9 | 320        | ug/Kg |
| 105-60-2       | Caprolactam                 | 230   | U         | 230 | 160  | 620        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 53    | U         | 53  | 79.9 | 320        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 77    | U         | 77  | 79.9 | 320        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 70    | U         | 70  | 79.9 | 320        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 150   | U         | 150 | 160  | 620        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 81    | U         | 81  | 79.9 | 320        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 79    | U         | 79  | 79.9 | 320        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EM8                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-20              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 47                    |
| 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 |
| BM047925.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 90    | U         | 90  | 79.9 | 320        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 85    | U         | 85  | 79.9 | 320        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 41    | U         | 41  | 79.9 | 320        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 79    | U         | 79  | 79.9 | 320        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 39    | U         | 39  | 79.9 | 320        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 81    | U         | 81  | 79.9 | 320        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 38    | U         | 38  | 160  | 620        | ug/Kg |
| 83-32-9    | Acenaphthene               | 77    | U         | 77  | 79.9 | 320        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 230   | U         | 230 | 160  | 620        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 77    | U         | 77  | 160  | 620        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 87    | U         | 87  | 79.9 | 320        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 51    | U         | 51  | 79.9 | 320        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 110   | U         | 110 | 79.9 | 320        | ug/Kg |
| 86-73-7    | Fluorene                   | 85    | U         | 85  | 79.9 | 320        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 88    | U         | 88  | 79.9 | 320        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 79    | U         | 79  | 160  | 620        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 30    | U         | 30  | 160  | 620        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 79    | U         | 79  | 79.9 | 320        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 96    | U         | 96  | 79.9 | 320        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 85    | U         | 85  | 79.9 | 320        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 94    | U         | 94  | 79.9 | 320        | ug/Kg |
| 1912-24-9  | Atrazine                   | 73    | U         | 73  | 160  | 620        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 160   | U         | 160 | 160  | 620        | ug/Kg |
| 85-01-8    | Phenanthrene               | 300   | J         | 83  | 79.9 | 320        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 96    | U         | 96  | 79.9 | 320        | ug/Kg |
| 120-12-7   | Anthracene                 | 81    | U         | 81  | 79.9 | 320        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 62    | U         | 62  | 79.9 | 320        | ug/Kg |
| 86-74-8    | Carbazole                  | 85    | U         | 85  | 160  | 620        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 79    | U         | 79  | 79.9 | 320        | ug/Kg |
| 206-44-0   | Fluoranthene               | 500   |           | 83  | 160  | 320        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EM8                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-20              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 47                    |
| 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 |
| BM047925.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 280    | J         | 83     | 79.9 | 320        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 60     | U         | 60     | 79.9 | 320        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 43     | U         | 43     | 160  | 620        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 210    | J         | 73     | 79.9 | 320        | ug/Kg    |
| 218-01-9          | Chrysene                    | 230    | J         | 85     | 79.9 | 320        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 110    | J         | 83     | 79.9 | 320        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 64     | U         | 64     | 160  | 620        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 290    | J         | 79     | 79.9 | 320        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 110    | J         | 85     | 79.9 | 320        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 90     | J         | 79     | 79.9 | 320        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 70     | J         | 70     | 79.9 | 320        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 70     | U         | 70     | 79.9 | 320        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 66     | U         | 66     | 79.9 | 320        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 70     | U         | 70     | 79.9 | 320        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 1.01   | *         | 15-120 |      | 13         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.607  | *         | 20-120 |      | 2          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 10.661 |           | 10-130 |      | 27         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 9.627  |           | 10-150 |      | 24         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 12.509 |           | 15-120 |      | 31         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 10.411 |           | 10-140 |      | 26         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 12.182 |           | 10-135 |      | 30         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 13.075 |           | 10-120 |      | 33         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 12.607 |           | 10-140 |      | 32         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 8.542  |           | 1-145  |      | 21         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 12.674 |           | 10-145 |      | 32         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 12.421 |           | 15-120 |      | 31         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.032  |           | 10-150 |      | 15         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 12.974 |           | 20-140 |      | 32         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EM8              | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-20           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 47                    |
| 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 |
| BM047925.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 6.226   |           | 10-130 |     | 16         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 12.576  |           | 10-150 |     | 31         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 12.082  |           | 10-130 |     | 30         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 9.793   |           | 10-140 |     | 24         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 218875  | 7.793     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 891407  | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 542509  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1080836 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 985648  | 21.392    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1106186 | 24.391    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 300     | J         |        |     | 15.78      |          |
| E966796                               | Total Alkanes                 | 90      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL5        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-12     | 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 |
| BM047926.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 17    | U         | 17  | 8.4  | 85         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 96    | U         | 96  | 110  | 420        | ug/Kg |
| 110-86-1       | Pyridine                    | 55    | U         | 55  | 210  | 420        | ug/Kg |
| 108-95-2       | Phenol                      | 45    | U         | 45  | 110  | 420        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 43    | U         | 43  | 110  | 420        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 36    | U         | 36  | 54.3 | 220        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 38    | U         | 38  | 110  | 420        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 35    | U         | 35  | 110  | 420        | ug/Kg |
| 98-86-2        | Acetophenone                | 49    | U         | 49  | 110  | 420        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 41    | U         | 41  | 110  | 420        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 37    | U         | 37  | 54.3 | 220        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 29    | U         | 29  | 54.3 | 220        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 46    | U         | 46  | 54.3 | 220        | ug/Kg |
| 78-59-1        | Isophorone                  | 43    | U         | 43  | 54.3 | 220        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 41    | U         | 41  | 54.3 | 220        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 36    | U         | 36  | 54.3 | 220        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 49    | U         | 49  | 54.3 | 220        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 50    | U         | 50  | 54.3 | 220        | ug/Kg |
| 91-20-3        | Naphthalene                 | 43    | U         | 43  | 54.3 | 220        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 55    | U         | 55  | 54.3 | 420        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 43    | U         | 43  | 54.3 | 220        | ug/Kg |
| 105-60-2       | Caprolactam                 | 150   | U         | 150 | 110  | 420        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 36    | U         | 36  | 54.3 | 220        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 52    | U         | 52  | 54.3 | 220        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 47    | U         | 47  | 54.3 | 220        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 100   | U         | 100 | 110  | 420        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 55    | U         | 55  | 54.3 | 220        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 54    | U         | 54  | 54.3 | 220        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL5        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-12     | 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 |
| BM047926.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 61    | U         | 61  | 54.3 | 220        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 58    | U         | 58  | 54.3 | 220        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 28    | U         | 28  | 54.3 | 220        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 54    | U         | 54  | 54.3 | 220        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 27    | U         | 27  | 54.3 | 220        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 55    | U         | 55  | 54.3 | 220        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 26    | U         | 26  | 110  | 420        | ug/Kg |
| 83-32-9    | Acenaphthene               | 52    | U         | 52  | 54.3 | 220        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 150   | U         | 150 | 110  | 420        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 52    | U         | 52  | 110  | 420        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 59    | U         | 59  | 54.3 | 220        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 35    | U         | 35  | 54.3 | 220        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 77    | U         | 77  | 54.3 | 220        | ug/Kg |
| 86-73-7    | Fluorene                   | 58    | U         | 58  | 54.3 | 220        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 60    | U         | 60  | 54.3 | 220        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 54    | U         | 54  | 110  | 420        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 20    | U         | 20  | 110  | 420        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 54    | U         | 54  | 54.3 | 220        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 65    | U         | 65  | 54.3 | 220        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 58    | U         | 58  | 54.3 | 220        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 64    | U         | 64  | 54.3 | 220        | ug/Kg |
| 1912-24-9  | Atrazine                   | 50    | U         | 50  | 110  | 420        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 110   | U         | 110 | 110  | 420        | ug/Kg |
| 85-01-8    | Phenanthrene               | 56    | U         | 56  | 54.3 | 220        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 65    | U         | 65  | 54.3 | 220        | ug/Kg |
| 120-12-7   | Anthracene                 | 55    | U         | 55  | 54.3 | 220        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 42    | U         | 42  | 54.3 | 220        | ug/Kg |
| 86-74-8    | Carbazole                  | 58    | U         | 58  | 110  | 420        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 54    | U         | 54  | 54.3 | 220        | ug/Kg |
| 206-44-0   | Fluoranthene               | 79    | J         | 56  | 110  | 220        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL5        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-12     | 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 |
| BM047926.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 75     | J         | 56     | 54.3 | 220        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 41     | U         | 41     | 54.3 | 220        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 29     | U         | 29     | 110  | 420        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 50     | U         | 50     | 54.3 | 220        | ug/Kg    |
| 218-01-9          | Chrysene                    | 58     | U         | 58     | 54.3 | 220        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 56     | U         | 56     | 54.3 | 220        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 43     | U         | 43     | 110  | 420        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 54     | U         | 54     | 54.3 | 220        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 58     | U         | 58     | 54.3 | 220        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 54     | U         | 54     | 54.3 | 220        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 47     | U         | 47     | 54.3 | 220        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 47     | U         | 47     | 54.3 | 220        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 45     | U         | 45     | 54.3 | 220        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 47     | U         | 47     | 54.3 | 220        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.175  |           | 15-120 |      | 27         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 12.061 |           | 20-120 |      | 30         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 24.542 |           | 10-130 |      | 61         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 20.478 |           | 10-150 |      | 51         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 26.879 |           | 15-120 |      | 67         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 28.275 |           | 10-140 |      | 71         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 29.693 |           | 10-135 |      | 74         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 34.541 |           | 10-120 |      | 86         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 32.541 |           | 10-140 |      | 81         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 28.807 |           | 1-145  |      | 72         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 34.087 |           | 10-145 |      | 85         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 33.904 |           | 15-120 |      | 85         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 28.773 |           | 10-150 |      | 72         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 34.965 |           | 20-140 |      | 87         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL5        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-12     | 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 |
| BM047926.D        | 1         | 9/26/2024 12:00:00 AM | 10/8/2024 12:00:00 AM | PB163712      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 24.019  |           | 10-130 |     | 60         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 34.395  |           | 10-150 |     | 86         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 37.731  |           | 10-130 |     | 94         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 36.017  |           | 10-140 |     | 90         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 278017  | 7.792     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 1123640 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 686937  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1376816 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1267189 | 21.392    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1458136 | 24.385    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                       | 760     | J         |        |     | 15.786     |          |
| 000947-19-3                           | Methanone, (1-hydroxycyclohexyl)ph | 110     | J         |        |     | 16.345     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 210     | J         |        |     | 18.062     |          |
| 000506-51-4                           | n-Tetracosanol-1                   | 170     | J         |        |     | 21.068     |          |
| E966796                               | Total Alkanes                      | 61      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL7     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-14  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 44.5                  |
| 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 |
| BM047927.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 23    | U         | 23  | 11.9 | 120        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 130   | U         | 130 | 150  | 590        | ug/Kg |
| 110-86-1       | Pyridine                    | 77    | U         | 77  | 300  | 590        | ug/Kg |
| 108-95-2       | Phenol                      | 63    | U         | 63  | 150  | 590        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 61    | U         | 61  | 150  | 590        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 50    | U         | 50  | 76.3 | 310        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 54    | U         | 54  | 150  | 590        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 48    | U         | 48  | 150  | 590        | ug/Kg |
| 98-86-2        | Acetophenone                | 68    | U         | 68  | 150  | 590        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 57    | U         | 57  | 150  | 590        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 52    | U         | 52  | 76.3 | 310        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 41    | U         | 41  | 76.3 | 310        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 65    | U         | 65  | 76.3 | 310        | ug/Kg |
| 78-59-1        | Isophorone                  | 61    | U         | 61  | 76.3 | 310        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 57    | U         | 57  | 76.3 | 310        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 50    | U         | 50  | 76.3 | 310        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 68    | U         | 68  | 76.3 | 310        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 70    | U         | 70  | 76.3 | 310        | ug/Kg |
| 91-20-3        | Naphthalene                 | 61    | U         | 61  | 76.3 | 310        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 77    | U         | 77  | 76.3 | 590        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 61    | U         | 61  | 76.3 | 310        | ug/Kg |
| 105-60-2       | Caprolactam                 | 220   | U         | 220 | 150  | 590        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 50    | U         | 50  | 76.3 | 310        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 74    | U         | 74  | 76.3 | 310        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 66    | U         | 66  | 76.3 | 310        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 140   | U         | 140 | 150  | 590        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 77    | U         | 77  | 76.3 | 310        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 75    | U         | 75  | 76.3 | 310        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL7     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-14  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 44.5                  |
| 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 |
| BM047927.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 86    | U         | 86  | 76.3 | 310        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 81    | U         | 81  | 76.3 | 310        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 40    | U         | 40  | 76.3 | 310        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 75    | U         | 75  | 76.3 | 310        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 38    | U         | 38  | 76.3 | 310        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 77    | U         | 77  | 76.3 | 310        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 36    | U         | 36  | 150  | 590        | ug/Kg |
| 83-32-9    | Acenaphthene               | 74    | U         | 74  | 76.3 | 310        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 220   | U         | 220 | 150  | 590        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 74    | U         | 74  | 150  | 590        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 83    | U         | 83  | 76.3 | 310        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 48    | U         | 48  | 76.3 | 310        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 110   | U         | 110 | 76.3 | 310        | ug/Kg |
| 86-73-7    | Fluorene                   | 81    | U         | 81  | 76.3 | 310        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 84    | U         | 84  | 76.3 | 310        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 75    | U         | 75  | 150  | 590        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 29    | U         | 29  | 150  | 590        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 75    | U         | 75  | 76.3 | 310        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 92    | U         | 92  | 76.3 | 310        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 81    | U         | 81  | 76.3 | 310        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 90    | U         | 90  | 76.3 | 310        | ug/Kg |
| 1912-24-9  | Atrazine                   | 70    | U         | 70  | 150  | 590        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 160   | U         | 160 | 150  | 590        | ug/Kg |
| 85-01-8    | Phenanthrene               | 79    | U         | 79  | 76.3 | 310        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 92    | U         | 92  | 76.3 | 310        | ug/Kg |
| 120-12-7   | Anthracene                 | 77    | U         | 77  | 76.3 | 310        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 59    | U         | 59  | 76.3 | 310        | ug/Kg |
| 86-74-8    | Carbazole                  | 81    | U         | 81  | 150  | 590        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 75    | U         | 75  | 76.3 | 310        | ug/Kg |
| 206-44-0   | Fluoranthene               | 120   | J         | 79  | 150  | 310        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL7     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-14  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 44.5                  |
| 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 |
| BM047927.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 85     | J         | 79     | 76.3 | 310        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 57     | U         | 57     | 76.3 | 310        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 41     | U         | 41     | 150  | 590        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 73     | J         | 70     | 76.3 | 310        | ug/Kg    |
| 218-01-9          | Chrysene                    | 81     | U         | 81     | 76.3 | 310        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 79     | U         | 79     | 76.3 | 310        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 61     | U         | 61     | 150  | 590        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 120    | J         | 75     | 76.3 | 310        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 81     | U         | 81     | 76.3 | 310        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 75     | U         | 75     | 76.3 | 310        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 66     | U         | 66     | 76.3 | 310        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 66     | U         | 66     | 76.3 | 310        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 63     | U         | 63     | 76.3 | 310        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 66     | U         | 66     | 76.3 | 310        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 0.749  | *         | 15-120 |      | 9          | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.555  | *         | 20-120 |      | 1          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 9.318  |           | 10-130 |      | 23         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 8.068  |           | 10-150 |      | 20         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 10.719 |           | 15-120 |      | 27         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 9.436  |           | 10-140 |      | 24         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 10.511 |           | 10-135 |      | 26         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 11.262 |           | 10-120 |      | 28         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 11.137 |           | 10-140 |      | 28         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 9.004  |           | 1-145  |      | 23         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 11.195 |           | 10-145 |      | 28         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 10.589 |           | 15-120 |      | 26         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.181  |           | 10-150 |      | 15         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 11.227 |           | 20-140 |      | 28         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL7              | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-14           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 44.5                  |
| 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 |
| BM047927.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 5.252   |           | 10-130 |     | 13         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 10.79   |           | 10-150 |     | 27         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 10.531  |           | 10-130 |     | 26         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 8.526   |           | 10-140 |     | 21         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 238147  | 7.793     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 966874  | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 597035  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1195643 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1109999 | 21.392    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1266155 | 24.391    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 260     | J         |        |     | 15.78      |          |
| E966796                               | Total Alkanes                 | 86      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EM9      | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-21   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 33.5                  |
| Sample Wt/Vol:     | 30.1       | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 500                   |
|                    |            |                 | uL                    |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047928.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 19    | U         | 19  | 9.9  | 100        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 110   | U         | 110 | 120  | 490        | ug/Kg |
| 110-86-1       | Pyridine                    | 64    | U         | 64  | 250  | 490        | ug/Kg |
| 108-95-2       | Phenol                      | 52    | U         | 52  | 120  | 490        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 51    | U         | 51  | 120  | 490        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 42    | U         | 42  | 63.7 | 250        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 45    | U         | 45  | 120  | 490        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 40    | U         | 40  | 120  | 490        | ug/Kg |
| 98-86-2        | Acetophenone                | 57    | U         | 57  | 120  | 490        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 48    | U         | 48  | 120  | 490        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 43    | U         | 43  | 63.7 | 250        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 34    | U         | 34  | 63.7 | 250        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 54    | U         | 54  | 63.7 | 250        | ug/Kg |
| 78-59-1        | Isophorone                  | 51    | U         | 51  | 63.7 | 250        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 48    | U         | 48  | 63.7 | 250        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 42    | U         | 42  | 63.7 | 250        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 57    | U         | 57  | 63.7 | 250        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 58    | U         | 58  | 63.7 | 250        | ug/Kg |
| 91-20-3        | Naphthalene                 | 51    | U         | 51  | 63.7 | 250        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 64    | U         | 64  | 63.7 | 490        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 51    | U         | 51  | 63.7 | 250        | ug/Kg |
| 105-60-2       | Caprolactam                 | 180   | U         | 180 | 120  | 490        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 42    | U         | 42  | 63.7 | 250        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 61    | U         | 61  | 63.7 | 250        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 55    | U         | 55  | 63.7 | 250        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 120   | U         | 120 | 120  | 490        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 64    | U         | 64  | 63.7 | 250        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 63    | U         | 63  | 63.7 | 250        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/25/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 9/25/2024 12:00:00 AM       |
| Client Sample ID:  | A4EM9                 | SDG No.:        | BM100724                    |
| Lab Sample ID:     | P4183-21              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 33.5                        |
| 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 |
| BM047928.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 72    | U         | 72  | 63.7 | 250        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 67    | U         | 67  | 63.7 | 250        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 33    | U         | 33  | 63.7 | 250        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 63    | U         | 63  | 63.7 | 250        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 31    | U         | 31  | 63.7 | 250        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 64    | U         | 64  | 63.7 | 250        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 30    | U         | 30  | 120  | 490        | ug/Kg |
| 83-32-9    | Acenaphthene               | 61    | U         | 61  | 63.7 | 250        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 180   | U         | 180 | 120  | 490        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 61    | U         | 61  | 120  | 490        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 69    | U         | 69  | 63.7 | 250        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 40    | U         | 40  | 63.7 | 250        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 90    | U         | 90  | 63.7 | 250        | ug/Kg |
| 86-73-7    | Fluorene                   | 67    | U         | 67  | 63.7 | 250        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 70    | U         | 70  | 63.7 | 250        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 63    | U         | 63  | 120  | 490        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 24    | U         | 24  | 120  | 490        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 63    | U         | 63  | 63.7 | 250        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 76    | U         | 76  | 63.7 | 250        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 67    | U         | 67  | 63.7 | 250        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 75    | U         | 75  | 63.7 | 250        | ug/Kg |
| 1912-24-9  | Atrazine                   | 58    | U         | 58  | 120  | 490        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 130   | U         | 130 | 120  | 490        | ug/Kg |
| 85-01-8    | Phenanthrene               | 66    | U         | 66  | 63.7 | 250        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 76    | U         | 76  | 63.7 | 250        | ug/Kg |
| 120-12-7   | Anthracene                 | 64    | U         | 64  | 63.7 | 250        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 49    | U         | 49  | 63.7 | 250        | ug/Kg |
| 86-74-8    | Carbazole                  | 67    | U         | 67  | 120  | 490        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 63    | U         | 63  | 63.7 | 250        | ug/Kg |
| 206-44-0   | Fluoranthene               | 87    | J         | 66  | 120  | 250        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EM9     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-21  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 33.5                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
| Injection Volume : |           | GPC Factor :    | LOW                   |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047928.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 82     | J         | 66     | 63.7 | 250        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 48     | U         | 48     | 63.7 | 250        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 34     | U         | 34     | 120  | 490        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 58     | U         | 58     | 63.7 | 250        | ug/Kg    |
| 218-01-9          | Chrysene                    | 67     | U         | 67     | 63.7 | 250        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 66     | U         | 66     | 63.7 | 250        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 51     | U         | 51     | 120  | 490        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 63     | U         | 63     | 63.7 | 250        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 67     | U         | 67     | 63.7 | 250        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 63     | U         | 63     | 63.7 | 250        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 55     | U         | 55     | 63.7 | 250        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 55     | U         | 55     | 63.7 | 250        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 52     | U         | 52     | 63.7 | 250        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 55     | U         | 55     | 63.7 | 250        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.187  |           | 15-120 |      | 40         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 15.048 |           | 20-120 |      | 38         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 23.684 |           | 10-130 |      | 59         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 20.247 |           | 10-150 |      | 51         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 27.166 |           | 15-120 |      | 68         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 25.801 |           | 10-140 |      | 65         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 27.28  |           | 10-135 |      | 68         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 30.822 |           | 10-120 |      | 77         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.483 |           | 10-140 |      | 71         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.974 |           | 1-145  |      | 62         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 28.163 |           | 10-145 |      | 70         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.032 |           | 15-120 |      | 70         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 20.588 |           | 10-150 |      | 51         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.91  |           | 20-140 |      | 72         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EM9              | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-21           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 33.5                  |
| 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 |
| BM047928.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 17.348  |           | 10-130 |     | 43         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 28.228  |           | 10-150 |     | 71         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 30.991  |           | 10-130 |     | 77         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 29.933  |           | 10-140 |     | 75         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 245909  | 7.792     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1003315 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 613698  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1217198 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1096215 | 21.391    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1234113 | 24.385    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 860     | J         |        |     | 15.78      |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 200     | J         |        |     | 18.062     |          |
|                                       | (DEL) Alkane: Cyclic          | 150     | J         |        |     | 21.068     |          |
| E966796                               | Total Alkanes                 | 150     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/25/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 9/25/2024 12:00:00 AM       |
| Client Sample ID:  | A4EL6                 | SDG No.:        | BM100724                    |
| Lab Sample ID:     | P4183-13              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 44.7                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047929.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 23    | U         | 23  | 11.9 | 120        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 140   | U         | 140 | 150  | 590        | ug/Kg |
| 110-86-1       | Pyridine                    | 77    | U         | 77  | 300  | 590        | ug/Kg |
| 108-95-2       | Phenol                      | 63    | U         | 63  | 150  | 590        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 61    | U         | 61  | 150  | 590        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 50    | U         | 50  | 76.6 | 310        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 54    | U         | 54  | 150  | 590        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 49    | U         | 49  | 150  | 590        | ug/Kg |
| 98-86-2        | Acetophenone                | 68    | U         | 68  | 150  | 590        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 58    | U         | 58  | 150  | 590        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 52    | U         | 52  | 76.6 | 310        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 41    | U         | 41  | 76.6 | 310        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 65    | U         | 65  | 76.6 | 310        | ug/Kg |
| 78-59-1        | Isophorone                  | 61    | U         | 61  | 76.6 | 310        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 58    | U         | 58  | 76.6 | 310        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 50    | U         | 50  | 76.6 | 310        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 68    | U         | 68  | 76.6 | 310        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 70    | U         | 70  | 76.6 | 310        | ug/Kg |
| 91-20-3        | Naphthalene                 | 61    | U         | 61  | 76.6 | 310        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 77    | U         | 77  | 76.6 | 590        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 61    | U         | 61  | 76.6 | 310        | ug/Kg |
| 105-60-2       | Caprolactam                 | 220   | U         | 220 | 150  | 590        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 50    | U         | 50  | 76.6 | 310        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 74    | U         | 74  | 76.6 | 310        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 67    | U         | 67  | 76.6 | 310        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 140   | U         | 140 | 150  | 590        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 77    | U         | 77  | 76.6 | 310        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 76    | U         | 76  | 76.6 | 310        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL6                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-13              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 44.7                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500              uL   |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047929.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 87    | U         | 87  | 76.6 | 310        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 81    | U         | 81  | 76.6 | 310        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 40    | U         | 40  | 76.6 | 310        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 76    | U         | 76  | 76.6 | 310        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 38    | U         | 38  | 76.6 | 310        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 77    | U         | 77  | 76.6 | 310        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 36    | U         | 36  | 150  | 590        | ug/Kg |
| 83-32-9    | Acenaphthene               | 74    | U         | 74  | 76.6 | 310        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 220   | U         | 220 | 150  | 590        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 74    | U         | 74  | 150  | 590        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 83    | U         | 83  | 76.6 | 310        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 49    | U         | 49  | 76.6 | 310        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 110   | U         | 110 | 76.6 | 310        | ug/Kg |
| 86-73-7    | Fluorene                   | 81    | U         | 81  | 76.6 | 310        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 85    | U         | 85  | 76.6 | 310        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 76    | U         | 76  | 150  | 590        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 29    | U         | 29  | 150  | 590        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 76    | U         | 76  | 76.6 | 310        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 92    | U         | 92  | 76.6 | 310        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 81    | U         | 81  | 76.6 | 310        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 90    | U         | 90  | 76.6 | 310        | ug/Kg |
| 1912-24-9  | Atrazine                   | 70    | U         | 70  | 150  | 590        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 160   | U         | 160 | 150  | 590        | ug/Kg |
| 85-01-8    | Phenanthrene               | 79    | U         | 79  | 76.6 | 310        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 92    | U         | 92  | 76.6 | 310        | ug/Kg |
| 120-12-7   | Anthracene                 | 77    | U         | 77  | 76.6 | 310        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 59    | U         | 59  | 76.6 | 310        | ug/Kg |
| 86-74-8    | Carbazole                  | 81    | U         | 81  | 150  | 590        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 76    | U         | 76  | 76.6 | 310        | ug/Kg |
| 206-44-0   | Fluoranthene               | 120   | J         | 79  | 150  | 310        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL6     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-13  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 44.7                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           |                       |
| Extraction Type :  |           | Level :         | LOW                   |
| Decanted :         |           |                 |                       |
| Injection Volume : |           | GPC Factor :    |                       |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047929.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 79     | J         | 79     | 76.6 | 310        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 58     | U         | 58     | 76.6 | 310        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 41     | U         | 41     | 150  | 590        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 70     | U         | 70     | 76.6 | 310        | ug/Kg    |
| 218-01-9          | Chrysene                    | 81     | U         | 81     | 76.6 | 310        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 79     | U         | 79     | 76.6 | 310        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 61     | U         | 61     | 150  | 590        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 76     | U         | 76     | 76.6 | 310        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 81     | U         | 81     | 76.6 | 310        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 76     | U         | 76     | 76.6 | 310        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 67     | U         | 67     | 76.6 | 310        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 67     | U         | 67     | 76.6 | 310        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 63     | U         | 63     | 76.6 | 310        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 67     | U         | 67     | 76.6 | 310        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 0.741  | *         | 15-120 |      | 9          | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.614  | *         | 20-120 |      | 2          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 9.794  |           | 10-130 |      | 24         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 8.632  |           | 10-150 |      | 22         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 11.565 |           | 15-120 |      | 29         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 9.087  |           | 10-140 |      | 23         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 11.032 |           | 10-135 |      | 28         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 12.283 |           | 10-120 |      | 31         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 11.801 |           | 10-140 |      | 30         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 9.04   |           | 1-145  |      | 23         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 11.93  |           | 10-145 |      | 30         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 11.475 |           | 15-120 |      | 29         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.815  |           | 10-150 |      | 17         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 12.072 |           | 20-140 |      | 30         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL6              | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-13           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 44.7                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047929.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 6.114   |           | 10-130 |     | 15         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 11.778  |           | 10-150 |     | 29         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 11.926  |           | 10-130 |     | 30         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 10.168  |           | 10-140 |     | 25         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 247082  | 7.792     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1001547 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 614689  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1228530 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1129087 | 21.392    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1267215 | 24.385    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 270     | J         |        |     | 15.78      |          |
| E966796                               | Total Alkanes                 | 87      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/26/2024 12:00:00 AM |
| Client Sample ID:  | SLCS712      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163712BS   | 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 |
| BM047930.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 270   |           | 13  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 790   |           | 75  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 690   |           | 43  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 820   |           | 35  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 800   |           | 34  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 940   |           | 28  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 880   |           | 30  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 630   |           | 27  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 830   |           | 38  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 860   |           | 32  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 780   |           | 29  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 850   |           | 23  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 790   |           | 36  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 840   |           | 34  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1100  |           | 32  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 800   |           | 28  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 830   |           | 38  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 990   |           | 39  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 890   |           | 34  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 730   |           | 43  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 940   |           | 34  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 970   |           | 120 | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 970   |           | 28  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 920   |           | 41  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 940   |           | 37  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 640   |           | 79  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1000  |           | 43  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1000  |           | 42  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/26/2024 12:00:00 AM |
| Client Sample ID:  | SLCS712      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163712BS   | 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 |
| BM047930.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 900   |           | 48  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 910   |           | 45  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 810   |           | 22  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 930   |           | 42  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 1000  |           | 21  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 920   |           | 43  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 970   |           | 20  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 880   |           | 41  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 840   |           | 120 | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 820   |           | 41  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 910   |           | 46  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 1000  |           | 27  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 930   |           | 60  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 870   |           | 45  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 910   |           | 47  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 1100  |           | 42  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 880   |           | 16  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 910   |           | 42  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 920   |           | 51  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 990   |           | 45  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 980   |           | 50  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 720   |           | 39  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 940   |           | 87  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 890   |           | 44  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 870   |           | 51  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 890   |           | 43  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 880   |           | 33  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 910   |           | 45  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 980   |           | 42  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1000  |           | 44  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/26/2024 12:00:00 AM |
| Client Sample ID:  | SLCS712      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163712BS   | 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 |
| BM047930.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 970    |           | 44     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1100   |           | 32     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 990    |           | 23     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 960    |           | 39     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 920    |           | 45     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1100   |           | 44     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1100   |           | 34     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 980    |           | 42     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 930    |           | 45     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 920    |           | 42     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 930    |           | 37     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 930    |           | 37     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 930    |           | 35     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1000   |           | 37     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.498  |           | 15-120 |      | 56         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 22.176 |           | 20-120 |      | 55         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 31.168 |           | 10-130 |      | 78         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 26.297 |           | 10-150 |      | 66         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 35.629 |           | 15-120 |      | 89         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 33.013 |           | 10-140 |      | 83         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 35.932 |           | 10-135 |      | 90         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 40.506 |           | 10-120 |      | 101        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 37.555 |           | 10-140 |      | 94         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 32.765 |           | 1-145  |      | 82         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 34.61  |           | 10-145 |      | 87         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 34.667 |           | 15-120 |      | 87         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 34.024 |           | 10-150 |      | 85         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 34.452 |           | 20-140 |      | 86         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/26/2024 12:00:00 AM |
| Client Sample ID:  | SLCS712      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163712BS   | 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 |
| BM047930.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 33.145  |           | 10-130 |     | 83         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 33.893  |           | 10-150 |     | 85         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 37.713  |           | 10-130 |     | 94         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 37.169  |           | 10-140 |     | 93         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 260983  | 7.793     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1065675 | 10.587    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 650982  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1274790 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1128237 | 21.392    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1232770 | 24.392    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 48      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/26/2024 12:00:00 AM |
| Client Sample ID:  | SBLK712      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163712BL   | 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 |
| BM047932.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 13    | U         | 13  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 75    | U         | 75  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 43    | U         | 43  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 35    | U         | 35  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 34    | U         | 34  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 30    | U         | 30  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 27    | U         | 27  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 38    | U         | 38  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 32    | U         | 32  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 29    | U         | 29  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 23    | U         | 23  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 36    | U         | 36  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 38    | U         | 38  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 39    | U         | 39  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 43    | U         | 43  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 120   | U         | 120 | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 37    | U         | 37  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 79    | U         | 79  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 42    | U         | 42  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/26/2024 12:00:00 AM |
| Client Sample ID:  | SBLK712      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163712BL   | 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 |
| BM047932.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 48    | U         | 48  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 22    | U         | 22  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 42    | U         | 42  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 21    | U         | 21  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 20    | U         | 20  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 120   | U         | 120 | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 41    | U         | 41  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 46    | U         | 46  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 60    | U         | 60  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 47    | U         | 47  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 42    | U         | 42  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 16    | U         | 16  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 42    | U         | 42  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 51    | U         | 51  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 39    | U         | 39  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 87    | U         | 87  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 44    | U         | 44  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 51    | U         | 51  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 45    | U         | 45  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 42    | U         | 42  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 44    | U         | 44  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/26/2024 12:00:00 AM |
| Client Sample ID:  | SBLK712      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163712BL   | 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 |
| BM047932.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 44     | U         | 44     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 32     | U         | 32     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 23     | U         | 23     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 39     | U         | 39     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 45     | U         | 45     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 44     | U         | 44     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 34     | U         | 34     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 42     | U         | 42     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 45     | U         | 45     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 42     | U         | 42     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 35     | U         | 35     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.851  |           | 15-120 |      | 48         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 18.229 |           | 20-120 |      | 46         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 19.598 |           | 10-130 |      | 49         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 17.062 |           | 10-150 |      | 43         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 22.688 |           | 15-120 |      | 57         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 20.494 |           | 10-140 |      | 51         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 22.789 |           | 10-135 |      | 57         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 25.27  |           | 10-120 |      | 63         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 23.074 |           | 10-140 |      | 58         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 21.73  |           | 1-145  |      | 54         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 22.911 |           | 10-145 |      | 57         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 22.705 |           | 15-120 |      | 57         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 17.556 |           | 10-150 |      | 44         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 23.237 |           | 20-140 |      | 58         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/26/2024 12:00:00 AM |
| Client Sample ID:  | SBLK712      | SDG No.:        | BM100724              |
| Lab Sample ID:     | PB163712BL   | 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 |
| BM047932.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 15.594  |           | 10-130 |     | 39         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 23.084  |           | 10-150 |     | 58         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 24.412  |           | 10-130 |     | 61         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 24.297  |           | 10-140 |     | 61         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 264321  | 7.792     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1047844 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 643924  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1308123 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1221964 | 21.392    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1393242 | 24.385    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 48      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | A4EM1        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-05     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 31.1                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047933.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 19    | U         | 19  | 9.6  | 97         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 110   | U         | 110 | 120  | 480        | ug/Kg |
| 110-86-1       | Pyridine                    | 62    | U         | 62  | 240  | 480        | ug/Kg |
| 108-95-2       | Phenol                      | 51    | U         | 51  | 120  | 480        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 49    | U         | 49  | 120  | 480        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 41    | U         | 41  | 61.7 | 250        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 44    | U         | 44  | 120  | 480        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 39    | U         | 39  | 120  | 480        | ug/Kg |
| 98-86-2        | Acetophenone                | 66    | J         | 55  | 120  | 480        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 46    | U         | 46  | 120  | 480        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 42    | U         | 42  | 61.7 | 250        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 33    | U         | 33  | 61.7 | 250        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 52    | U         | 52  | 61.7 | 250        | ug/Kg |
| 78-59-1        | Isophorone                  | 49    | U         | 49  | 61.7 | 250        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 46    | U         | 46  | 61.7 | 250        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 41    | U         | 41  | 61.7 | 250        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 55    | U         | 55  | 61.7 | 250        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 57    | U         | 57  | 61.7 | 250        | ug/Kg |
| 91-20-3        | Naphthalene                 | 49    | U         | 49  | 61.7 | 250        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 62    | U         | 62  | 61.7 | 480        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 49    | U         | 49  | 61.7 | 250        | ug/Kg |
| 105-60-2       | Caprolactam                 | 170   | U         | 170 | 120  | 480        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 41    | U         | 41  | 61.7 | 250        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 60    | U         | 60  | 61.7 | 250        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 54    | U         | 54  | 61.7 | 250        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 110   | U         | 110 | 120  | 480        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 62    | U         | 62  | 61.7 | 250        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 61    | U         | 61  | 61.7 | 250        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | A4EM1        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-05     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 31.1                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047933.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 70    | U         | 70  | 61.7 | 250        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 65    | U         | 65  | 61.7 | 250        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 32    | U         | 32  | 61.7 | 250        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 61    | U         | 61  | 61.7 | 250        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 30    | U         | 30  | 61.7 | 250        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 64    | J         | 62  | 61.7 | 250        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 29    | U         | 29  | 120  | 480        | ug/Kg |
| 83-32-9    | Acenaphthene               | 60    | U         | 60  | 61.7 | 250        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 170   | U         | 170 | 120  | 480        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 60    | U         | 60  | 120  | 480        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 67    | U         | 67  | 61.7 | 250        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 39    | U         | 39  | 61.7 | 250        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 87    | U         | 87  | 61.7 | 250        | ug/Kg |
| 86-73-7    | Fluorene                   | 65    | U         | 65  | 61.7 | 250        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 68    | U         | 68  | 61.7 | 250        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 61    | U         | 61  | 120  | 480        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 23    | U         | 23  | 120  | 480        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 61    | U         | 61  | 61.7 | 250        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 74    | U         | 74  | 61.7 | 250        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 65    | U         | 65  | 61.7 | 250        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 73    | U         | 73  | 61.7 | 250        | ug/Kg |
| 1912-24-9  | Atrazine                   | 57    | U         | 57  | 120  | 480        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 130   | U         | 130 | 120  | 480        | ug/Kg |
| 85-01-8    | Phenanthrene               | 530   |           | 64  | 61.7 | 250        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 74    | U         | 74  | 61.7 | 250        | ug/Kg |
| 120-12-7   | Anthracene                 | 100   | J         | 62  | 61.7 | 250        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 48    | U         | 48  | 61.7 | 250        | ug/Kg |
| 86-74-8    | Carbazole                  | 68    | J         | 65  | 120  | 480        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 61    | U         | 61  | 61.7 | 250        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1600  |           | 64  | 120  | 250        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | A4EM1        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-05     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 31.1                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047933.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 890    |           | 64     | 61.7 | 250        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 46     | U         | 46     | 61.7 | 250        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 33     | U         | 33     | 120  | 480        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 630    |           | 57     | 61.7 | 250        | ug/Kg    |
| 218-01-9          | Chrysene                    | 850    |           | 65     | 61.7 | 250        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 380    |           | 64     | 61.7 | 250        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 49     | U         | 49     | 120  | 480        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1200   |           | 61     | 61.7 | 250        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 410    |           | 65     | 61.7 | 250        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 320    |           | 61     | 61.7 | 250        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 310    |           | 54     | 61.7 | 250        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 140    | J         | 54     | 61.7 | 250        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 51     | J         | 51     | 61.7 | 250        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 54     | U         | 54     | 61.7 | 250        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 1.182  |           | 15-120 |      | 15         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.54   | *         | 20-120 |      | 1          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 11.402 |           | 10-130 |      | 29         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 10.158 |           | 10-150 |      | 25         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 13.335 |           | 15-120 |      | 33         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 10.508 |           | 10-140 |      | 26         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 13.085 |           | 10-135 |      | 33         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 14.364 |           | 10-120 |      | 36         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 13.631 |           | 10-140 |      | 34         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 2.984  |           | 1-145  |      | 7          | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 13.133 |           | 10-145 |      | 33         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 13.15  |           | 15-120 |      | 33         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 8.919  |           | 10-150 |      | 22         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 13.942 |           | 20-140 |      | 35         | SPK: -40 |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | A4EM1     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-05  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 31.1                  |
| Sample Wt/Vol:     | 30        | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           |                       |
| Extraction Type :  |           | Level :         | LOW                   |
| Injection Volume : |           | Decanted :      |                       |
|                    |           | GPC Factor :    |                       |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047933.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 8.157   |           | 10-130 |     | 20         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 13.61   |           | 10-150 |     | 34         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 13.478  |           | 10-130 |     | 34         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 10.339  |           | 10-140 |     | 26         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 282996  | 7.792     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 1134177 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 678100  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1384846 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1243881 | 21.392    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1423217 | 24.391    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                       | 300     | J         |        |     | 15.78      |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 350     | J         |        |     | 18.062     |          |
| 000203-64-5                           | 4H-Cyclopenta[def]phenanthrene     | 180     | J         |        |     | 18.233     |          |
| 000084-65-1                           | 9,10-Anthracenedione               | 130     | J         |        |     | 18.58      |          |
| 005737-13-3                           | Cyclopenta(def)phenanthrenone      | 97      | J         |        |     | 19.092     |          |
| 002136-70-1                           | Ethanol, 2-(tetradecyloxy)-        | 300     | J         |        |     | 21.068     |          |
|                                       | (DEL) Alkane: Straight-Chain22.156 | 290     | J         |        |     | 22.156     |          |
| 026627-85-0                           | Hexacosanal                        | 420     | J         |        |     | 23.121     |          |
| 000506-51-4                           | n-Tetracosanol-1                   | 750     | J         |        |     | 23.603     |          |
|                                       | (DEL) Alkane: Straight-Chain25.450 | 630     | J         |        |     | 25.45      |          |
| E966796                               | Total Alkanes                      | 920     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | A4EK6      | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-01   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 31.8                  |
| Sample Wt/Vol:     | 30.1       | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 500                   |
|                    |            |                 | uL                    |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047934.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 19    | U         | 19  | 9.6  | 97         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 110   | U         | 110 | 120  | 480        | ug/Kg |
| 110-86-1       | Pyridine                    | 63    | U         | 63  | 240  | 480        | ug/Kg |
| 108-95-2       | Phenol                      | 98    | J         | 51  | 120  | 480        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 50    | U         | 50  | 120  | 480        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 41    | U         | 41  | 62.1 | 250        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 44    | U         | 44  | 120  | 480        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 39    | U         | 39  | 120  | 480        | ug/Kg |
| 98-86-2        | Acetophenone                | 190   | J         | 56  | 120  | 480        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 47    | U         | 47  | 120  | 480        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 42    | U         | 42  | 62.1 | 250        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 34    | U         | 34  | 62.1 | 250        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 53    | U         | 53  | 62.1 | 250        | ug/Kg |
| 78-59-1        | Isophorone                  | 50    | U         | 50  | 62.1 | 250        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 47    | U         | 47  | 62.1 | 250        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 41    | U         | 41  | 62.1 | 250        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 56    | U         | 56  | 62.1 | 250        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 57    | U         | 57  | 62.1 | 250        | ug/Kg |
| 91-20-3        | Naphthalene                 | 50    | U         | 50  | 62.1 | 250        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 63    | U         | 63  | 62.1 | 480        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 50    | U         | 50  | 62.1 | 250        | ug/Kg |
| 105-60-2       | Caprolactam                 | 180   | U         | 180 | 120  | 480        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 41    | U         | 41  | 62.1 | 250        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 60    | U         | 60  | 62.1 | 250        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 54    | U         | 54  | 62.1 | 250        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 120   | U         | 120 | 120  | 480        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 63    | U         | 63  | 62.1 | 250        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 61    | U         | 61  | 62.1 | 250        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 9/24/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 9/24/2024 12:00:00 AM       |
| Client Sample ID:  | A4EK6                 | SDG No.:        | BM100724                    |
| Lab Sample ID:     | P4183-01              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 31.8                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047934.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 70    | U         | 70  | 62.1 | 250        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 66    | U         | 66  | 62.1 | 250        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 32    | U         | 32  | 62.1 | 250        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 61    | U         | 61  | 62.1 | 250        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 31    | U         | 31  | 62.1 | 250        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 120   | J         | 63  | 62.1 | 250        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 29    | U         | 29  | 120  | 480        | ug/Kg |
| 83-32-9    | Acenaphthene               | 60    | U         | 60  | 62.1 | 250        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 180   | U         | 180 | 120  | 480        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 60    | U         | 60  | 120  | 480        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 67    | U         | 67  | 62.1 | 250        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 39    | U         | 39  | 62.1 | 250        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 88    | U         | 88  | 62.1 | 250        | ug/Kg |
| 86-73-7    | Fluorene                   | 66    | U         | 66  | 62.1 | 250        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 69    | U         | 69  | 62.1 | 250        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 61    | U         | 61  | 120  | 480        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 23    | U         | 23  | 120  | 480        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 61    | U         | 61  | 62.1 | 250        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 75    | U         | 75  | 62.1 | 250        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 66    | U         | 66  | 62.1 | 250        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 73    | U         | 73  | 62.1 | 250        | ug/Kg |
| 1912-24-9  | Atrazine                   | 57    | U         | 57  | 120  | 480        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 130   | U         | 130 | 120  | 480        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1000  |           | 64  | 62.1 | 250        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 75    | U         | 75  | 62.1 | 250        | ug/Kg |
| 120-12-7   | Anthracene                 | 200   | J         | 63  | 62.1 | 250        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 48    | U         | 48  | 62.1 | 250        | ug/Kg |
| 86-74-8    | Carbazole                  | 140   | J         | 66  | 120  | 480        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 61    | U         | 61  | 62.1 | 250        | ug/Kg |
| 206-44-0   | Fluoranthene               | 3100  |           | 64  | 120  | 250        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | A4EK6     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-01  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 31.8                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           |                       |
| Extraction Type :  |           | Decanted :      | Level :               |
| Injection Volume : |           | GPC Factor :    | LOW                   |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047934.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1900   |           | 64     | 62.1 | 250        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 180    | J         | 47     | 62.1 | 250        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 34     | U         | 34     | 120  | 480        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1100   |           | 57     | 62.1 | 250        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1600   |           | 66     | 62.1 | 250        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 840    |           | 64     | 62.1 | 250        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 50     | U         | 50     | 120  | 480        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 2100   |           | 61     | 62.1 | 250        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 710    |           | 66     | 62.1 | 250        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 740    |           | 61     | 62.1 | 250        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 660    |           | 54     | 62.1 | 250        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 260    |           | 54     | 62.1 | 250        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 110    | J         | 51     | 62.1 | 250        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 54     | U         | 54     | 62.1 | 250        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.299  |           | 15-120 |      | 29         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.34   | U         | 20-120 |      | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 19.927 |           | 10-130 |      | 50         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 16.894 |           | 10-150 |      | 42         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 23.548 |           | 15-120 |      | 59         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 17.841 |           | 10-140 |      | 45         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 23.451 |           | 10-135 |      | 59         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 26.347 |           | 10-120 |      | 66         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 23.51  |           | 10-140 |      | 59         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 2.513  |           | 1-145  |      | 6          | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 21.767 |           | 10-145 |      | 54         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 21.873 |           | 15-120 |      | 55         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 16.672 |           | 10-150 |      | 42         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 22.948 |           | 20-140 |      | 57         | SPK: -40 |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | A4EK6     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-01  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 31.8                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047934.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 14.6    |           | 10-130 |     | 37         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 22.601  |           | 10-150 |     | 57         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 25.179  |           | 10-130 |     | 63         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 18.375  |           | 10-140 |     | 46         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 256183  | 7.792     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 1026126 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 633476  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1273866 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1042657 | 21.397    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1206854 | 24.397    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 010141-72-7                           | 2H-Pyran, tetrahydro-2-methyl-     | 360     | J         |        |     | 3.763      |          |
| 005076-20-0                           | Oxirane, tetramethyl-              | 100     | J         |        |     | 4.999      |          |
| 030021-74-0                           | .gamma.-Muurolene                  | 100     | J         |        |     | 14.68      |          |
| 000119-61-9                           | Benzophenone                       | 570     | J         |        |     | 15.78      |          |
| 069010-50-0                           | Cyclopentanone, 2-(1-adamantyl)-   | 98      | J         |        |     | 16.239     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 970     | J         |        |     | 18.062     |          |
| 000203-64-5                           | 4H-Cyclopenta[def]phenanthrene     | 330     | J         |        |     | 18.233     |          |
| 000610-48-0                           | Anthracene, 1-methyl-              | 120     | J         |        |     | 18.274     |          |
|                                       | (DEL) Alkane: Straight-Chain18.357 | 110     | J         |        |     | 18.357     |          |
| 006572-60-7                           | Tricyclo[8.2.2.2(4,7)]hexadeca-2,4 | 150     | J         |        |     | 18.545     |          |
| 000084-65-1                           | 9,10-Anthracenedione               | 240     | J         |        |     | 18.58      |          |
| 003674-66-6                           | Phenanthrene, 2,5-dimethyl-        | 130     | J         |        |     | 18.962     |          |
| 005737-13-3                           | Cyclopenta(def)phenanthrenone      | 190     | J         |        |     | 19.098     |          |
| 000243-17-4                           | 11H-Benzo[b]fluorene               | 120     | J         |        |     | 20.074     |          |
| 1000406-04-8                          | Pentadecafluorooctanoic acid, octa | 420     | J         |        |     | 21.068     |          |
|                                       | (DEL) Alkane: Straight-Chain22.174 | 650     | J         |        |     | 22.174     |          |
|                                       | (DEL) Alkane: Straight-Chain23.603 | 1100    | J         |        |     | 23.603     |          |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | A4EK6              | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-01           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 31.8                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047934.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number  | Parameter                    | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|------------------------------|--------|-----------|-----|-----|------------|-------|
|             | (DEL) Alkane: Straight-Chain | 25.456 |           |     |     |            |       |
| 002004-39-9 | 1-Heptacosanol               | 1200   | J         |     |     | 25.456     |       |
|             |                              | 1100   | J         |     |     | 25.58      |       |
| E966796     | Total Alkanes                | 3100   |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EM3        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-17     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 37.6                  |
| 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 |
| BM047935.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 21    | U         | 21  | 10.6 | 110        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 120   | U         | 120 | 130  | 530        | ug/Kg |
| 110-86-1       | Pyridine                    | 69    | U         | 69  | 260  | 530        | ug/Kg |
| 108-95-2       | Phenol                      | 56    | U         | 56  | 130  | 530        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 54    | U         | 54  | 130  | 530        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 45    | U         | 45  | 68.1 | 270        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 48    | U         | 48  | 130  | 530        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 43    | U         | 43  | 130  | 530        | ug/Kg |
| 98-86-2        | Acetophenone                | 81    | J         | 61  | 130  | 530        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 51    | U         | 51  | 130  | 530        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 46    | U         | 46  | 68.1 | 270        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 37    | U         | 37  | 68.1 | 270        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 58    | U         | 58  | 68.1 | 270        | ug/Kg |
| 78-59-1        | Isophorone                  | 54    | U         | 54  | 68.1 | 270        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 51    | U         | 51  | 68.1 | 270        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 45    | U         | 45  | 68.1 | 270        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 61    | U         | 61  | 68.1 | 270        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 63    | U         | 63  | 68.1 | 270        | ug/Kg |
| 91-20-3        | Naphthalene                 | 54    | U         | 54  | 68.1 | 270        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 69    | U         | 69  | 68.1 | 530        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 54    | U         | 54  | 68.1 | 270        | ug/Kg |
| 105-60-2       | Caprolactam                 | 190   | U         | 190 | 130  | 530        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 45    | U         | 45  | 68.1 | 270        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 66    | U         | 66  | 68.1 | 270        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 59    | U         | 59  | 68.1 | 270        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 130   | U         | 130 | 130  | 530        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 69    | U         | 69  | 68.1 | 270        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 67    | U         | 67  | 68.1 | 270        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EM3     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-17  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 37.6                  |
| 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 |
| BM047935.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 77    | U         | 77  | 68.1 | 270        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 72    | U         | 72  | 68.1 | 270        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 35    | U         | 35  | 68.1 | 270        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 67    | U         | 67  | 68.1 | 270        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 34    | U         | 34  | 68.1 | 270        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 69    | U         | 69  | 68.1 | 270        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 32    | U         | 32  | 130  | 530        | ug/Kg |
| 83-32-9    | Acenaphthene               | 66    | U         | 66  | 68.1 | 270        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 190   | U         | 190 | 130  | 530        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 66    | U         | 66  | 130  | 530        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 74    | U         | 74  | 68.1 | 270        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 43    | U         | 43  | 68.1 | 270        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 96    | U         | 96  | 68.1 | 270        | ug/Kg |
| 86-73-7    | Fluorene                   | 72    | U         | 72  | 68.1 | 270        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 75    | U         | 75  | 68.1 | 270        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 67    | U         | 67  | 130  | 530        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 26    | U         | 26  | 130  | 530        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 67    | U         | 67  | 68.1 | 270        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 82    | U         | 82  | 68.1 | 270        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 72    | U         | 72  | 68.1 | 270        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 80    | U         | 80  | 68.1 | 270        | ug/Kg |
| 1912-24-9  | Atrazine                   | 63    | U         | 63  | 130  | 530        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 140   | U         | 140 | 130  | 530        | ug/Kg |
| 85-01-8    | Phenanthrene               | 460   |           | 71  | 68.1 | 270        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 82    | U         | 82  | 68.1 | 270        | ug/Kg |
| 120-12-7   | Anthracene                 | 85    | J         | 69  | 68.1 | 270        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 53    | U         | 53  | 68.1 | 270        | ug/Kg |
| 86-74-8    | Carbazole                  | 72    | U         | 72  | 130  | 530        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 67    | U         | 67  | 68.1 | 270        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1400  |           | 71  | 130  | 270        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EM3        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-17     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 37.6                  |
| 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 |
| BM047935.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 740    |           | 71     | 68.1 | 270        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 71     | J         | 51     | 68.1 | 270        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 37     | U         | 37     | 130  | 530        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 500    |           | 63     | 68.1 | 270        | ug/Kg    |
| 218-01-9          | Chrysene                    | 660    |           | 72     | 68.1 | 270        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 310    |           | 71     | 68.1 | 270        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 54     | U         | 54     | 130  | 530        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 920    |           | 67     | 68.1 | 270        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 280    |           | 72     | 68.1 | 270        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 250    | J         | 67     | 68.1 | 270        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 220    | J         | 59     | 68.1 | 270        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 110    | J         | 59     | 68.1 | 270        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 56     | U         | 56     | 68.1 | 270        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 59     | U         | 59     | 68.1 | 270        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 1.509  |           | 15-120 |      | 19         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.34   | U         | 20-120 |      | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 13.184 |           | 10-130 |      | 33         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 12.177 |           | 10-150 |      | 30         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 16.284 |           | 15-120 |      | 41         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 14.324 |           | 10-140 |      | 36         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 16.874 |           | 10-135 |      | 42         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 18.858 |           | 10-120 |      | 47         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 16.65  |           | 10-140 |      | 42         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 10.209 |           | 1-145  |      | 26         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 16.239 |           | 10-145 |      | 41         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 16.45  |           | 15-120 |      | 41         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 8.138  |           | 10-150 |      | 20         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 17.263 |           | 20-140 |      | 43         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EM3        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-17     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 37.6                  |
| 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 |
| BM047935.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number                            | Parameter                      | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|--------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2  | 7.849   |           | 10-130 |     | 20         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                 | 16.721  |           | 10-150 |     | 42         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                     | 16.745  |           | 10-130 |     | 42         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12             | 12.389  |           | 10-140 |     | 31         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4         | 236020  | 7.792     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                 | 963579  | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10               | 602185  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10               | 1222365 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                   | 1074530 | 21.397    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                   | 1218872 | 24.397    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                   | 450     | J         |        |     | 15.786     |          |
| 000057-10-3                           | n-Hexadecanoic acid            | 260     | J         |        |     | 18.062     |          |
| 000203-64-5                           | 4H-Cyclopenta[def]phenanthrene | 150     | J         |        |     | 18.233     |          |
|                                       | (DEL) Alkane: Cyclic           | 160     | J         |        |     | 21.068     |          |
| E966796                               | Total Alkanes                  | 160     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL8        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-15     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 34.8                  |
| 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 |
| BM047936.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 20    | U         | 20  | 10.1 | 100        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 120   | U         | 120 | 130  | 510        | ug/Kg |
| 110-86-1       | Pyridine                    | 66    | U         | 66  | 250  | 510        | ug/Kg |
| 108-95-2       | Phenol                      | 54    | U         | 54  | 130  | 510        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 52    | U         | 52  | 130  | 510        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 43    | U         | 43  | 65.2 | 260        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 46    | U         | 46  | 130  | 510        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 41    | U         | 41  | 130  | 510        | ug/Kg |
| 98-86-2        | Acetophenone                | 58    | U         | 58  | 130  | 510        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 49    | U         | 49  | 130  | 510        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 44    | U         | 44  | 65.2 | 260        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 35    | U         | 35  | 65.2 | 260        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 55    | U         | 55  | 65.2 | 260        | ug/Kg |
| 78-59-1        | Isophorone                  | 52    | U         | 52  | 65.2 | 260        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 49    | U         | 49  | 65.2 | 260        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 43    | U         | 43  | 65.2 | 260        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 58    | U         | 58  | 65.2 | 260        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 60    | U         | 60  | 65.2 | 260        | ug/Kg |
| 91-20-3        | Naphthalene                 | 52    | U         | 52  | 65.2 | 260        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 66    | U         | 66  | 65.2 | 510        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 52    | U         | 52  | 65.2 | 260        | ug/Kg |
| 105-60-2       | Caprolactam                 | 180   | U         | 180 | 130  | 510        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 43    | U         | 43  | 65.2 | 260        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 63    | U         | 63  | 65.2 | 260        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 57    | U         | 57  | 65.2 | 260        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 120   | U         | 120 | 130  | 510        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 66    | U         | 66  | 65.2 | 260        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 64    | U         | 64  | 65.2 | 260        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL8        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-15     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 34.8                  |
| 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 |
| BM047936.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 74    | U         | 74  | 65.2 | 260        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 69    | U         | 69  | 65.2 | 260        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 34    | U         | 34  | 65.2 | 260        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 64    | U         | 64  | 65.2 | 260        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 32    | U         | 32  | 65.2 | 260        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 66    | U         | 66  | 65.2 | 260        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 31    | U         | 31  | 130  | 510        | ug/Kg |
| 83-32-9    | Acenaphthene               | 63    | U         | 63  | 65.2 | 260        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 180   | U         | 180 | 130  | 510        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 63    | U         | 63  | 130  | 510        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 71    | U         | 71  | 65.2 | 260        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 41    | U         | 41  | 65.2 | 260        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 92    | U         | 92  | 65.2 | 260        | ug/Kg |
| 86-73-7    | Fluorene                   | 69    | U         | 69  | 65.2 | 260        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 72    | U         | 72  | 65.2 | 260        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 64    | U         | 64  | 130  | 510        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 25    | U         | 25  | 130  | 510        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 64    | U         | 64  | 65.2 | 260        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 78    | U         | 78  | 65.2 | 260        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 69    | U         | 69  | 65.2 | 260        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 77    | U         | 77  | 65.2 | 260        | ug/Kg |
| 1912-24-9  | Atrazine                   | 60    | U         | 60  | 130  | 510        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 130   | U         | 130 | 130  | 510        | ug/Kg |
| 85-01-8    | Phenanthrene               | 220   | J         | 67  | 65.2 | 260        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 78    | U         | 78  | 65.2 | 260        | ug/Kg |
| 120-12-7   | Anthracene                 | 66    | U         | 66  | 65.2 | 260        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 51    | U         | 51  | 65.2 | 260        | ug/Kg |
| 86-74-8    | Carbazole                  | 69    | U         | 69  | 130  | 510        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 64    | U         | 64  | 65.2 | 260        | ug/Kg |
| 206-44-0   | Fluoranthene               | 390   |           | 67  | 130  | 260        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL8        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-15     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 34.8                  |
| 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 |
| BM047936.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 350    |           | 67     | 65.2 | 260        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 49     | U         | 49     | 65.2 | 260        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 35     | U         | 35     | 130  | 510        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 170    | J         | 60     | 65.2 | 260        | ug/Kg    |
| 218-01-9          | Chrysene                    | 180    | J         | 69     | 65.2 | 260        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 67     | U         | 67     | 65.2 | 260        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 52     | U         | 52     | 130  | 510        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 210    | J         | 64     | 65.2 | 260        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 69     | J         | 69     | 65.2 | 260        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 160    | J         | 64     | 65.2 | 260        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 89     | J         | 57     | 65.2 | 260        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 57     | U         | 57     | 65.2 | 260        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 110    | J         | 54     | 65.2 | 260        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 57     | U         | 57     | 65.2 | 260        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.068  |           | 15-120 |      | 38         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 14.426 |           | 20-120 |      | 36         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 25.983 |           | 10-130 |      | 65         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 21.692 |           | 10-150 |      | 54         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 29.929 |           | 15-120 |      | 75         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 28.297 |           | 10-140 |      | 71         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 30.261 |           | 10-135 |      | 76         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 35.29  |           | 10-120 |      | 88         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 31.938 |           | 10-140 |      | 80         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 25.747 |           | 1-145  |      | 64         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 29.871 |           | 10-145 |      | 75         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 30.493 |           | 15-120 |      | 76         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 25.023 |           | 10-150 |      | 63         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 31.273 |           | 20-140 |      | 78         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 9/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 9/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EL8        | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-15     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 34.8                  |
| 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 |
| BM047936.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 16.215  |           | 10-130 |     | 41         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 30.777  |           | 10-150 |     | 77         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 35.558  |           | 10-130 |     | 89         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 32.328  |           | 10-140 |     | 81         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 276049  | 7.792     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 1125501 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 703477  | 14.433    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1427777 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1213801 | 21.397    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1411940 | 24.397    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 001119-40-0                           | Pentanedioic acid, dimethyl ester  | 120     | J         |        |     | 9.51       |          |
| 000119-61-9                           | Benzophenone                       | 860     | J         |        |     | 15.786     |          |
| 000947-19-3                           | Methanone, (1-hydroxycyclohexyl)ph | 120     | J         |        |     | 16.351     |          |
| 007012-37-5                           | 1,1-Biphenyl, 2,4,4-trichloro-     | 140     | J         |        |     | 17.756     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 390     | J         |        |     | 18.062     |          |
| 088104-31-8                           | 2- Chloropropionic acid, octadecyl | 440     | J         |        |     | 21.068     |          |
| E966796                               | Total Alkanes                      | 74      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | A4EM0                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-04              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 37.8                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047937.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 21    | U         | 21  | 10.6 | 110        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 120   | U         | 120 | 130  | 530        | ug/Kg |
| 110-86-1       | Pyridine                    | 69    | U         | 69  | 260  | 530        | ug/Kg |
| 108-95-2       | Phenol                      | 56    | U         | 56  | 130  | 530        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 54    | U         | 54  | 130  | 530        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 45    | U         | 45  | 68.1 | 270        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 48    | U         | 48  | 130  | 530        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 43    | U         | 43  | 130  | 530        | ug/Kg |
| 98-86-2        | Acetophenone                | 61    | U         | 61  | 130  | 530        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 51    | U         | 51  | 130  | 530        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 46    | U         | 46  | 68.1 | 270        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 37    | U         | 37  | 68.1 | 270        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 58    | U         | 58  | 68.1 | 270        | ug/Kg |
| 78-59-1        | Isophorone                  | 54    | U         | 54  | 68.1 | 270        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 51    | U         | 51  | 68.1 | 270        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 45    | U         | 45  | 68.1 | 270        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 61    | U         | 61  | 68.1 | 270        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 62    | U         | 62  | 68.1 | 270        | ug/Kg |
| 91-20-3        | Naphthalene                 | 54    | U         | 54  | 68.1 | 270        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 69    | U         | 69  | 68.1 | 530        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 54    | U         | 54  | 68.1 | 270        | ug/Kg |
| 105-60-2       | Caprolactam                 | 190   | U         | 190 | 130  | 530        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 45    | U         | 45  | 68.1 | 270        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 66    | U         | 66  | 68.1 | 270        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 59    | U         | 59  | 68.1 | 270        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 130   | U         | 130 | 130  | 530        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 69    | U         | 69  | 68.1 | 270        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 67    | U         | 67  | 68.1 | 270        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | A4EM0                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-04              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 37.8                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047937.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 77    | U         | 77  | 68.1 | 270        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 72    | U         | 72  | 68.1 | 270        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 35    | U         | 35  | 68.1 | 270        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 67    | U         | 67  | 68.1 | 270        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 34    | U         | 34  | 68.1 | 270        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 69    | U         | 69  | 68.1 | 270        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 32    | U         | 32  | 130  | 530        | ug/Kg |
| 83-32-9    | Acenaphthene               | 66    | U         | 66  | 68.1 | 270        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 190   | U         | 190 | 130  | 530        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 66    | U         | 66  | 130  | 530        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 74    | U         | 74  | 68.1 | 270        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 43    | U         | 43  | 68.1 | 270        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 96    | U         | 96  | 68.1 | 270        | ug/Kg |
| 86-73-7    | Fluorene                   | 72    | U         | 72  | 68.1 | 270        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 75    | U         | 75  | 68.1 | 270        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 67    | U         | 67  | 130  | 530        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 26    | U         | 26  | 130  | 530        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 67    | U         | 67  | 68.1 | 270        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 82    | U         | 82  | 68.1 | 270        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 72    | U         | 72  | 68.1 | 270        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 80    | U         | 80  | 68.1 | 270        | ug/Kg |
| 1912-24-9  | Atrazine                   | 62    | U         | 62  | 130  | 530        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 140   | U         | 140 | 130  | 530        | ug/Kg |
| 85-01-8    | Phenanthrene               | 140   | J         | 71  | 68.1 | 270        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 82    | U         | 82  | 68.1 | 270        | ug/Kg |
| 120-12-7   | Anthracene                 | 69    | U         | 69  | 68.1 | 270        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 53    | U         | 53  | 68.1 | 270        | ug/Kg |
| 86-74-8    | Carbazole                  | 72    | U         | 72  | 130  | 530        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 67    | U         | 67  | 68.1 | 270        | ug/Kg |
| 206-44-0   | Fluoranthene               | 300   |           | 71  | 130  | 270        | ug/Kg |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | A4EM0     | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-04  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 37.8                  |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
| Injection Volume : |           | GPC Factor :    | LOW                   |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047937.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 170    | J         | 71     | 68.1 | 270        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 51     | U         | 51     | 68.1 | 270        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 37     | U         | 37     | 130  | 530        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 130    | J         | 62     | 68.1 | 270        | ug/Kg    |
| 218-01-9          | Chrysene                    | 140    | J         | 72     | 68.1 | 270        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 89     | J         | 71     | 68.1 | 270        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 54     | U         | 54     | 130  | 530        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 190    | J         | 67     | 68.1 | 270        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 72     | U         | 72     | 68.1 | 270        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 67     | U         | 67     | 68.1 | 270        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 59     | U         | 59     | 68.1 | 270        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 59     | U         | 59     | 68.1 | 270        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 56     | U         | 56     | 68.1 | 270        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 59     | U         | 59     | 68.1 | 270        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 0.861  | *         | 15-120 |      | 11         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.412  | *         | 20-120 |      | 1          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 10.151 |           | 10-130 |      | 25         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 8.773  |           | 10-150 |      | 22         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 12.008 |           | 15-120 |      | 30         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 9.927  |           | 10-140 |      | 25         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 12.27  |           | 10-135 |      | 31         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 13.713 |           | 10-120 |      | 34         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 12.352 |           | 10-140 |      | 31         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 9.243  |           | 1-145  |      | 23         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 12.007 |           | 10-145 |      | 30         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 11.919 |           | 15-120 |      | 30         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 8.264  |           | 10-150 |      | 21         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 12.346 |           | 20-140 |      | 31         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | A4EM0              | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-04           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 37.8                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047937.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 5.454   |           | 10-130 |     | 14         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 12.085  |           | 10-150 |     | 30         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 12.036  |           | 10-130 |     | 30         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 10.064  |           | 10-140 |     | 25         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 280089  | 7.793     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1112059 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 682876  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1368468 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1261233 | 21.398    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1430207 | 24.397    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 220     | J         |        |     | 15.786     |          |
| E966796                               | Total Alkanes                 | 77      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | A4EK7                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-02              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 41.7                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047938.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 22    | U         | 22  | 11.3 | 110        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 130   | U         | 130 | 140  | 560        | ug/Kg |
| 110-86-1       | Pyridine                    | 74    | U         | 74  | 280  | 560        | ug/Kg |
| 108-95-2       | Phenol                      | 60    | U         | 60  | 140  | 560        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 58    | U         | 58  | 140  | 560        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 48    | U         | 48  | 72.7 | 290        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 51    | U         | 51  | 140  | 560        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 46    | U         | 46  | 140  | 560        | ug/Kg |
| 98-86-2        | Acetophenone                | 65    | U         | 65  | 140  | 560        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 55    | U         | 55  | 140  | 560        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 50    | U         | 50  | 72.7 | 290        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 39    | U         | 39  | 72.7 | 290        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 62    | U         | 62  | 72.7 | 290        | ug/Kg |
| 78-59-1        | Isophorone                  | 58    | U         | 58  | 72.7 | 290        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 55    | U         | 55  | 72.7 | 290        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 48    | U         | 48  | 72.7 | 290        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 65    | U         | 65  | 72.7 | 290        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 67    | U         | 67  | 72.7 | 290        | ug/Kg |
| 91-20-3        | Naphthalene                 | 58    | U         | 58  | 72.7 | 290        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 74    | U         | 74  | 72.7 | 560        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 58    | U         | 58  | 72.7 | 290        | ug/Kg |
| 105-60-2       | Caprolactam                 | 210   | U         | 210 | 140  | 560        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 48    | U         | 48  | 72.7 | 290        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 70    | U         | 70  | 72.7 | 290        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 63    | U         | 63  | 72.7 | 290        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 140   | U         | 140 | 140  | 560        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 74    | U         | 74  | 72.7 | 290        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 72    | U         | 72  | 72.7 | 290        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | A4EK7                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-02              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 41.7                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047938.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 82    | U         | 82  | 72.7 | 290        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 77    | U         | 77  | 72.7 | 290        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 38    | U         | 38  | 72.7 | 290        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 72    | U         | 72  | 72.7 | 290        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 36    | U         | 36  | 72.7 | 290        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 74    | U         | 74  | 72.7 | 290        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 34    | U         | 34  | 140  | 560        | ug/Kg |
| 83-32-9    | Acenaphthene               | 70    | U         | 70  | 72.7 | 290        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 210   | U         | 210 | 140  | 560        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 70    | U         | 70  | 140  | 560        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 79    | U         | 79  | 72.7 | 290        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 46    | U         | 46  | 72.7 | 290        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 100   | U         | 100 | 72.7 | 290        | ug/Kg |
| 86-73-7    | Fluorene                   | 77    | U         | 77  | 72.7 | 290        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 80    | U         | 80  | 72.7 | 290        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 72    | U         | 72  | 140  | 560        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 27    | U         | 27  | 140  | 560        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 72    | U         | 72  | 72.7 | 290        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 87    | U         | 87  | 72.7 | 290        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 77    | U         | 77  | 72.7 | 290        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 85    | U         | 85  | 72.7 | 290        | ug/Kg |
| 1912-24-9  | Atrazine                   | 67    | U         | 67  | 140  | 560        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 150   | U         | 150 | 140  | 560        | ug/Kg |
| 85-01-8    | Phenanthrene               | 200   | J         | 75  | 72.7 | 290        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 87    | U         | 87  | 72.7 | 290        | ug/Kg |
| 120-12-7   | Anthracene                 | 74    | U         | 74  | 72.7 | 290        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 56    | U         | 56  | 72.7 | 290        | ug/Kg |
| 86-74-8    | Carbazole                  | 77    | U         | 77  | 140  | 560        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 72    | U         | 72  | 72.7 | 290        | ug/Kg |
| 206-44-0   | Fluoranthene               | 400   |           | 75  | 140  | 290        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | A4EK7                 | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-02              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 41.7                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047938.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 230    | J         | 75     | 72.7 | 290        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 55     | U         | 55     | 72.7 | 290        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 39     | U         | 39     | 140  | 560        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 180    | J         | 67     | 72.7 | 290        | ug/Kg    |
| 218-01-9          | Chrysene                    | 190    | J         | 77     | 72.7 | 290        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 190    | J         | 75     | 72.7 | 290        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 58     | U         | 58     | 140  | 560        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 240    | J         | 72     | 72.7 | 290        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 89     | J         | 77     | 72.7 | 290        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 78     | J         | 72     | 72.7 | 290        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 63     | U         | 63     | 72.7 | 290        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 63     | U         | 63     | 72.7 | 290        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 60     | U         | 60     | 72.7 | 290        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 63     | U         | 63     | 72.7 | 290        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 0.783  | *         | 15-120 |      | 10         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.619  | *         | 20-120 |      | 2          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 9.191  |           | 10-130 |      | 23         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 7.964  |           | 10-150 |      | 20         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 10.782 |           | 15-120 |      | 27         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 9.321  |           | 10-140 |      | 23         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 10.877 |           | 10-135 |      | 27         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 11.927 |           | 10-120 |      | 30         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 10.916 |           | 10-140 |      | 27         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 7.656  |           | 1-145  |      | 19         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 10.487 |           | 10-145 |      | 26         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 10.616 |           | 15-120 |      | 27         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.746  |           | 10-150 |      | 17         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 11.033 |           | 20-140 |      | 28         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 9/24/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 9/24/2024 12:00:00 AM |
| Client Sample ID:  | A4EK7              | SDG No.:        | BM100724              |
| Lab Sample ID:     | P4183-02           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 41.7                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BM047938.D        | 1         | 9/26/2024 12:00:00 AM | 10/9/2024 12:00:00 AM | PB163712      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 4.603   |           | 10-130 |     | 12         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 10.955  |           | 10-150 |     | 27         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 11.117  |           | 10-130 |     | 28         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 9.258   |           | 10-140 |     | 23         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 275649  | 7.793     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1115460 | 10.587    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 683248  | 14.428    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1364850 | 17.169    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1251799 | 21.398    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1410823 | 24.398    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 190     | J         |        |     | 15.786     |          |
| E966796                               | Total Alkanes                 | 82      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |           |              |    |                 |          |      |    |
|--------------------|-----------|--------------|----|-----------------|----------|------|----|
| Client:            |           |              |    | Date Collected: |          |      |    |
| Project:           |           |              |    | Date Received:  |          |      |    |
| Client Sample ID:  | SP6637    |              |    | SDG No.:        | BM100724 |      |    |
| Lab Sample ID:     | SP6637    |              |    | Matrix:         | Water    |      |    |
| Analytical Method: | SFAM_SVOC |              |    | % Moisture:     | 100      |      |    |
| Sample Wt/Vol:     | 1000      | Units:       | mL | Final Vol:      | 1000000  |      | 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 |
| BM047939.D        | 1         |           | 10/9/2024 12:00:00 AM |               |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD   | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |       |            |       |
| 123-91-1       | 1,4-Dioxane                 | 490   | U         | 490  | 500   | 2000       | ug/L  |
| 100-52-7       | Benzaldehyde                | 2500  | U         | 2500 | 5000  | 10000      | ug/L  |
| 110-86-1       | Pyridine                    | 1400  | U         | 1400 | 10000 | 10000      | ug/L  |
| 108-95-2       | Phenol                      | 1400  | U         | 1400 | 5000  | 10000      | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1400  | U         | 1400 | 5000  | 10000      | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1300  | U         | 1300 | 2500  | 5000       | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1400  | U         | 1400 | 5000  | 10000      | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1400  | U         | 1400 | 5000  | 10000      | ug/L  |
| 98-86-2        | Acetophenone                | 1500  | U         | 1500 | 5000  | 10000      | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1400  | U         | 1400 | 5000  | 10000      | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1600  | U         | 1600 | 2500  | 5000       | ug/L  |
| 67-72-1        | Hexachloroethane            | 1100  | U         | 1100 | 2500  | 5000       | ug/L  |
| 98-95-3        | Nitrobenzene                | 1400  | U         | 1400 | 2500  | 5000       | ug/L  |
| 78-59-1        | Isophorone                  | 1400  | U         | 1400 | 2500  | 5000       | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1400  | U         | 1400 | 2500  | 5000       | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 980   | U         | 980  | 2500  | 5000       | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1500  | U         | 1500 | 2500  | 5000       | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1500  | U         | 1500 | 2500  | 5000       | ug/L  |
| 91-20-3        | Naphthalene                 | 1300  | U         | 1300 | 2500  | 5000       | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1400  | U         | 1400 | 2500  | 10000      | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1200  | U         | 1200 | 2500  | 5000       | ug/L  |
| 105-60-2       | Caprolactam                 | 4500  | U         | 4500 | 5000  | 10000      | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1400  | U         | 1400 | 2500  | 5000       | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1300  | U         | 1300 | 2500  | 5000       | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1400  | U         | 1400 | 2500  | 5000       | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3300  | U         | 3300 | 5000  | 10000      | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1500  | U         | 1500 | 2500  | 5000       | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1500  | U         | 1500 | 2500  | 5000       | ug/L  |

## Report of Analysis

|                    |           |              |    |                 |          |      |    |
|--------------------|-----------|--------------|----|-----------------|----------|------|----|
| Client:            |           |              |    | Date Collected: |          |      |    |
| Project:           |           |              |    | Date Received:  |          |      |    |
| Client Sample ID:  | SP6637    |              |    | SDG No.:        | BM100724 |      |    |
| Lab Sample ID:     | SP6637    |              |    | Matrix:         | Water    |      |    |
| Analytical Method: | SFAM_SVOC |              |    | % Moisture:     | 100      |      |    |
| Sample Wt/Vol:     | 1000      | Units:       | mL | Final Vol:      | 1000000  |      | 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 |
| BM047939.D        | 1         |           | 10/9/2024 12:00:00 AM |               |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1700  | U         | 1700 | 2500 | 5000       | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1600  | U         | 1600 | 2500 | 5000       | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1200  | U         | 1200 | 2500 | 5000       | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1500  | U         | 1500 | 2500 | 5000       | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1100  | U         | 1100 | 2500 | 5000       | ug/L  |
| 208-96-8   | Acenaphthylene             | 1500  | U         | 1500 | 2500 | 5000       | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 840   | U         | 840  | 5000 | 10000      | ug/L  |
| 83-32-9    | Acenaphthene               | 1500  | U         | 1500 | 2500 | 5000       | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 5900  | U         | 5900 | 5000 | 10000      | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1500  | U         | 1500 | 5000 | 10000      | ug/L  |
| 132-64-9   | Dibenzofuran               | 1500  | U         | 1500 | 2500 | 5000       | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1100  | U         | 1100 | 2500 | 5000       | ug/L  |
| 84-66-2    | Diethylphthalate           | 1500  | U         | 1500 | 2500 | 5000       | ug/L  |
| 86-73-7    | Fluorene                   | 1500  | U         | 1500 | 2500 | 5000       | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1600  | U         | 1600 | 2500 | 5000       | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1300  | U         | 1300 | 5000 | 10000      | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 940   | U         | 940  | 5000 | 10000      | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1600  | U         | 1600 | 2500 | 5000       | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1800  | U         | 1800 | 2500 | 5000       | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1500  | U         | 1500 | 2500 | 5000       | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1600  | U         | 1600 | 2500 | 5000       | ug/L  |
| 1912-24-9  | Atrazine                   | 1600  | U         | 1600 | 5000 | 10000      | ug/L  |
| 87-86-5    | Pentachlorophenol          | 3600  | U         | 3600 | 5000 | 10000      | ug/L  |
| 85-01-8    | Phenanthrene               | 1600  | U         | 1600 | 2500 | 5000       | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1500  | U         | 1500 | 2500 | 5000       | ug/L  |
| 120-12-7   | Anthracene                 | 1400  | U         | 1400 | 2500 | 5000       | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1200  | U         | 1200 | 2500 | 5000       | ug/L  |
| 86-74-8    | Carbazole                  | 1600  | U         | 1600 | 5000 | 10000      | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1700  | U         | 1700 | 2500 | 5000       | ug/L  |
| 206-44-0   | Fluoranthene               | 1700  | U         | 1700 | 5000 | 5000       | ug/L  |

## Report of Analysis

|                    |           |              |    |                 |          |      |  |
|--------------------|-----------|--------------|----|-----------------|----------|------|--|
| Client:            |           |              |    | Date Collected: |          |      |  |
| Project:           |           |              |    | Date Received:  |          |      |  |
| Client Sample ID:  | SP6637    |              |    | SDG No.:        | BM100724 |      |  |
| Lab Sample ID:     | SP6637    |              |    | Matrix:         | Water    |      |  |
| Analytical Method: | SFAM_SVOC |              |    | % Moisture:     | 100      |      |  |
| Sample Wt/Vol:     | 1000      | Units:       | mL | Final Vol:      | 1000000  | 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 |
| BM047939.D        | 1         |           | 10/9/2024 12:00:00 AM |               |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1700  | U         | 1700   | 2500 | 5000       | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 1500  | U         | 1500   | 2500 | 5000       | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1100  | U         | 1100   | 5000 | 10000      | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1400  | U         | 1400   | 2500 | 5000       | ug/L     |
| 218-01-9          | Chrysene                    | 1500  | U         | 1500   | 2500 | 5000       | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1800  | U         | 1800   | 2500 | 5000       | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1400  | U         | 1400   | 5000 | 10000      | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1600  | U         | 1600   | 2500 | 5000       | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1700  | U         | 1700   | 2500 | 5000       | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1500  | U         | 1500   | 2500 | 5000       | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1400  | U         | 1400   | 2500 | 5000       | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1400  | U         | 1400   | 2500 | 5000       | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1400  | U         | 1400   | 2500 | 5000       | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1400  | U         | 1400   | 2500 | 5000       | ug/L     |
| <b>SURROGATES</b> |                             |       |           |        |      |            |          |
| 7291-22-7         | Pyridine-d5                 | 58375 | *         | 20-120 |      | 145938     | SPK: -40 |
| 17647-74-4        | 1,4-Dioxane-d8              | 11492 | *         | 15-120 |      | 143650     | SPK: -8  |
| 4165-62-2         | Phenol-d5                   | 64041 | *         | 10-130 |      | 160103     | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 54329 | *         | 25-120 |      | 135822     | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 74377 | *         | 20-130 |      | 185943     | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 69269 | *         | 25-125 |      | 173172     | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 78198 | *         | 20-125 |      | 195495     | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 90390 | *         | 20-130 |      | 225975     | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 75557 | *         | 20-120 |      | 188893     | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 72149 | *         | 1-146  |      | 180372     | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 68695 | *         | 25-130 |      | 171738     | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 71033 | *         | 10-130 |      | 177582     | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 69686 | *         | 10-150 |      | 174215     | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 69859 | *         | 25-125 |      | 174647     | SPK: -40 |

## Report of Analysis

|                    |           |              |    |                 |          |      |  |
|--------------------|-----------|--------------|----|-----------------|----------|------|--|
| Client:            |           |              |    | Date Collected: |          |      |  |
| Project:           |           |              |    | Date Received:  |          |      |  |
| Client Sample ID:  | SP6637    |              |    | SDG No.:        | BM100724 |      |  |
| Lab Sample ID:     | SP6637    |              |    | Matrix:         | Water    |      |  |
| Analytical Method: | SFAM_SVOC |              |    | % Moisture:     | 100      |      |  |
| Sample Wt/Vol:     | 1000      | Units:       | mL | Final Vol:      | 1000000  | 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 |
| BM047939.D        | 1         |           | 10/9/2024 12:00:00 AM |               |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 61004   | *         | 10-130 |     | 152510     | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 68448   | *         | 25-130 |     | 171120     | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 72620   | *         | 15-130 |     | 181550     | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 71449   | *         | 20-130 |     | 178622     | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 304178  | 7.792     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 1241370 | 10.586    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 774436  | 14.427    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1553638 | 17.168    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1416515 | 21.397    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1579854 | 24.397    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1700    | U         |        |     | 99         | ug/L     |

### Hit Summary Sheet SW-846

SDG No.: BM100724

Client:

| Sample ID                | Client ID | Matrix | Parameter                          | Concentration | C               | MDL  | RDL | Units |
|--------------------------|-----------|--------|------------------------------------|---------------|-----------------|------|-----|-------|
| <b>Client ID : A4EK2</b> |           |        |                                    |               |                 |      |     |       |
| P4083-07                 | A4EK2     | Solid  | Benzophenone                       | *             | 330.000         | J    |     |       |
| P4083-07                 | A4EK2     | Solid  | Total Alkanes                      | *             | 0.000           | 91   | 320 | ug/Kg |
|                          |           |        | <b>Total Tics :</b>                |               | <b>330.00</b>   |      |     |       |
| P4083-07                 | A4EK2     | Solid  | Acetophenone                       |               | 150.000         | J 72 | 630 | ug/Kg |
| P4083-07                 | A4EK2     | Solid  | Benzo(b)fluoranthene               |               | 110.000         | J 80 | 320 | ug/Kg |
| P4083-07                 | A4EK2     | Solid  | Fluoranthene                       |               | 160.000         | J 84 | 320 | ug/Kg |
| P4083-07                 | A4EK2     | Solid  | Pyrene                             |               | 95.000          | J 84 | 320 | ug/Kg |
|                          |           |        | <b>Total Svoc :</b>                |               | <b>515.00</b>   |      |     |       |
|                          |           |        | <b>Total Concentration:</b>        |               | <b>845.00</b>   |      |     |       |
| <b>Client ID : A4EK3</b> |           |        |                                    |               |                 |      |     |       |
| P4083-08                 | A4EK3     | Solid  | (DEL) Alkane: Straight-Chain22.1 * |               | 190.000         | J    |     |       |
| P4083-08                 | A4EK3     | Solid  | Benzophenone                       | *             | 340.000         | J    |     |       |
| P4083-08                 | A4EK3     | Solid  | n-Hexadecanoic acid                | *             | 180.000         | J    |     |       |
| P4083-08                 | A4EK3     | Solid  | Total Alkanes                      | *             | 190.000         | 91   | 320 | ug/Kg |
|                          |           |        | <b>Total Tics :</b>                |               | <b>900.00</b>   |      |     |       |
| P4083-08                 | A4EK3     | Solid  | Acetophenone                       |               | 180.000         | J 72 | 630 | ug/Kg |
| P4083-08                 | A4EK3     | Solid  | Benzo(a)anthracene                 |               | 220.000         | J 74 | 320 | ug/Kg |
| P4083-08                 | A4EK3     | Solid  | Benzo(a)pyrene                     |               | 90.000          | J 80 | 320 | ug/Kg |
| P4083-08                 | A4EK3     | Solid  | Benzo(b)fluoranthene               |               | 320.000         | J 80 | 320 | ug/Kg |
| P4083-08                 | A4EK3     | Solid  | Benzo(k)fluoranthene               |               | 120.000         | J 86 | 320 | ug/Kg |
| P4083-08                 | A4EK3     | Solid  | Bis(2-ethylhexyl)phthalate         |               | 230.000         | J 84 | 320 | ug/Kg |
| P4083-08                 | A4EK3     | Solid  | Chrysene                           |               | 260.000         | J 86 | 320 | ug/Kg |
| P4083-08                 | A4EK3     | Solid  | Fluoranthene                       |               | 520.000         | J 84 | 320 | ug/Kg |
| P4083-08                 | A4EK3     | Solid  | Indeno(1,2,3-cd)pyrene             |               | 76.000          | J 70 | 320 | ug/Kg |
| P4083-08                 | A4EK3     | Solid  | Phenanthrene                       |               | 260.000         | J 84 | 320 | ug/Kg |
| P4083-08                 | A4EK3     | Solid  | Pyrene                             |               | 290.000         | J 84 | 320 | ug/Kg |
|                          |           |        | <b>Total Svoc :</b>                |               | <b>2,566.00</b> |      |     |       |
|                          |           |        | <b>Total Concentration:</b>        |               | <b>3,466.00</b> |      |     |       |
| <b>Client ID : A4EG9</b> |           |        |                                    |               |                 |      |     |       |
| P4083-16                 | A4EG9     | Solid  | (DEL) Alkane: Straight-Chain21.( * |               | 110.000         | J    |     |       |
| P4083-16                 | A4EG9     | Solid  | Benzophenone                       | *             | 300.000         | J    |     |       |
| P4083-16                 | A4EG9     | Solid  | n-Hexadecanoic acid                | *             | 180.000         | J    |     |       |
| P4083-16                 | A4EG9     | Solid  | Total Alkanes                      | *             | 110.000         | 77   | 270 | ug/Kg |
|                          |           |        | <b>Total Tics :</b>                |               | <b>700.00</b>   |      |     |       |
| P4083-16                 | A4EG9     | Solid  | Acetophenone                       |               | 120.000         | J 61 | 530 | ug/Kg |
| P4083-16                 | A4EG9     | Solid  | Benzo(a)anthracene                 |               | 340.000         | J 63 | 270 | ug/Kg |
| P4083-16                 | A4EG9     | Solid  | Benzo(a)pyrene                     |               | 150.000         | J 68 | 270 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BM100724

Client:

| Sample ID | Client ID | Matrix | Parameter                  | Concentration | C | MDL | RDL | Units |
|-----------|-----------|--------|----------------------------|---------------|---|-----|-----|-------|
| P4083-16  | A4EG9     | Solid  | Benzo(b)fluoranthene       | 520.000       |   | 68  | 270 | ug/Kg |
| P4083-16  | A4EG9     | Solid  | Benzo(k)fluoranthene       | 170.000       | J | 72  | 270 | ug/Kg |
| P4083-16  | A4EG9     | Solid  | Bis(2-ethylhexyl)phthalate | 290.000       |   | 71  | 270 | ug/Kg |
| P4083-16  | A4EG9     | Solid  | Chrysene                   | 400.000       |   | 72  | 270 | ug/Kg |
| P4083-16  | A4EG9     | Solid  | Dibenzo(a,h)anthracene     | 63.000        | J | 60  | 270 | ug/Kg |
| P4083-16  | A4EG9     | Solid  | Fluoranthene               | 780.000       |   | 71  | 270 | ug/Kg |
| P4083-16  | A4EG9     | Solid  | Indeno(1,2,3-cd)pyrene     | 120.000       | J | 60  | 270 | ug/Kg |
| P4083-16  | A4EG9     | Solid  | Phenanthrene               | 330.000       |   | 71  | 270 | ug/Kg |
| P4083-16  | A4EG9     | Solid  | Pyrene                     | 440.000       |   | 71  | 270 | ug/Kg |

**Total Svoc : 3,723.00**

**Total Concentration: 4,423.00**

Client ID : A4EH2

|          |       |       |                                    |         |   |    |     |       |
|----------|-------|-------|------------------------------------|---------|---|----|-----|-------|
| P4083-19 | A4EH2 | Solid | (DEL) Alkane: Straight-Chain21.( * | 100.000 | J |    |     |       |
| P4083-19 | A4EH2 | Solid | 4H-Cyclopenta[def]phenanthrene *   | 110.000 | J |    |     |       |
| P4083-19 | A4EH2 | Solid | Benzophenone *                     | 250.000 | J |    |     |       |
| P4083-19 | A4EH2 | Solid | n-Hexadecanoic acid *              | 170.000 | J |    |     |       |
| P4083-19 | A4EH2 | Solid | Total Alkanes *                    | 100.000 |   | 72 | 250 | ug/Kg |

**Total Tics : 730.00**

|          |       |       |                            |         |   |    |     |       |
|----------|-------|-------|----------------------------|---------|---|----|-----|-------|
| P4083-19 | A4EH2 | Solid | Acetophenone               | 83.000  | J | 57 | 490 | ug/Kg |
| P4083-19 | A4EH2 | Solid | Anthracene                 | 66.000  | J | 64 | 250 | ug/Kg |
| P4083-19 | A4EH2 | Solid | Benzo(a)anthracene         | 310.000 |   | 58 | 250 | ug/Kg |
| P4083-19 | A4EH2 | Solid | Benzo(a)pyrene             | 130.000 | J | 63 | 250 | ug/Kg |
| P4083-19 | A4EH2 | Solid | Benzo(b)fluoranthene       | 470.000 |   | 63 | 250 | ug/Kg |
| P4083-19 | A4EH2 | Solid | Benzo(k)fluoranthene       | 160.000 | J | 67 | 250 | ug/Kg |
| P4083-19 | A4EH2 | Solid | Bis(2-ethylhexyl)phthalate | 250.000 |   | 66 | 250 | ug/Kg |
| P4083-19 | A4EH2 | Solid | Chrysene                   | 350.000 |   | 67 | 250 | ug/Kg |
| P4083-19 | A4EH2 | Solid | Fluoranthene               | 740.000 |   | 66 | 250 | ug/Kg |
| P4083-19 | A4EH2 | Solid | Indeno(1,2,3-cd)pyrene     | 110.000 | J | 55 | 250 | ug/Kg |
| P4083-19 | A4EH2 | Solid | Phenanthrene               | 360.000 |   | 66 | 250 | ug/Kg |
| P4083-19 | A4EH2 | Solid | Pyrene                     | 410.000 |   | 66 | 250 | ug/Kg |

**Total Svoc : 3,439.00**

**Total Concentration: 4,169.00**

Client ID : A4EH5

|          |       |       |                                    |         |   |  |  |  |
|----------|-------|-------|------------------------------------|---------|---|--|--|--|
| P4109-02 | A4EH5 | Solid | (DEL) Alkane: Straight-Chain21.( * | 550.000 | J |  |  |  |
| P4109-02 | A4EH5 | Solid | (DEL) Alkane: Straight-Chain21.( * | 230.000 | J |  |  |  |
| P4109-02 | A4EH5 | Solid | 1,1-Biphenyl, 2,3,3-trichloro- *   | 130.000 | J |  |  |  |
| P4109-02 | A4EH5 | Solid | Benzophenone *                     | 360.000 | J |  |  |  |
| P4109-02 | A4EH5 | Solid | n-Hexadecanoic acid *              | 400.000 | J |  |  |  |
| P4109-02 | A4EH5 | Solid | unknown-01 *                       | 310.000 | J |  |  |  |

### Hit Summary Sheet SW-846

SDG No.: BM100724

Client:

| Sample ID                | Client ID | Matrix | Parameter                         | Concentration | C               | MDL  | RDL | Units |
|--------------------------|-----------|--------|-----------------------------------|---------------|-----------------|------|-----|-------|
| P4109-02                 | A4EH5     | Solid  | unknown-02                        | *             | 380.000         | J    |     |       |
| P4109-02                 | A4EH5     | Solid  | Total Alkanes                     | *             | 780.000         | 86   | 310 | ug/Kg |
|                          |           |        | <b>Total Tics :</b>               |               | <b>3,140.00</b> |      |     |       |
| P4109-02                 | A4EH5     | Solid  | Benzo(a)anthracene                |               | 82.000          | J 70 | 310 | ug/Kg |
| P4109-02                 | A4EH5     | Solid  | Benzo(a)pyrene                    |               | 79.000          | J 76 | 310 | ug/Kg |
| P4109-02                 | A4EH5     | Solid  | Benzo(b)fluoranthene              |               | 120.000         | J 76 | 310 | ug/Kg |
| P4109-02                 | A4EH5     | Solid  | Chrysene                          |               | 94.000          | J 81 | 310 | ug/Kg |
| P4109-02                 | A4EH5     | Solid  | Fluoranthene                      |               | 180.000         | J 79 | 310 | ug/Kg |
| P4109-02                 | A4EH5     | Solid  | Phenanthrene                      |               | 88.000          | J 79 | 310 | ug/Kg |
| P4109-02                 | A4EH5     | Solid  | Pyrene                            |               | 160.000         | J 79 | 310 | ug/Kg |
|                          |           |        | <b>Total Svoc :</b>               |               | <b>803.00</b>   |      |     |       |
|                          |           |        | <b>Total Concentration:</b>       |               | <b>3,943.00</b> |      |     |       |
| <b>Client ID : A4EH8</b> |           |        |                                   |               |                 |      |     |       |
| P4109-05                 | A4EH8     | Solid  | Benzophenone                      | *             | 200.000         | J    |     |       |
| P4109-05                 | A4EH8     | Solid  | n-Hexadecanoic acid               | *             | 180.000         | J    |     |       |
| P4109-05                 | A4EH8     | Solid  | Pentadecafluorooctanoic acid, oct | *             | 100.000         | J    |     |       |
| P4109-05                 | A4EH8     | Solid  | Total Alkanes                     | *             | 0.000           | 58   | 210 | ug/Kg |
|                          |           |        | <b>Total Tics :</b>               |               | <b>480.00</b>   |      |     |       |
|                          |           |        | <b>Total Concentration:</b>       |               | <b>480.00</b>   |      |     |       |
| <b>Client ID : A4EJ9</b> |           |        |                                   |               |                 |      |     |       |
| P4109-07                 | A4EJ9     | Solid  | 2-Pentanone, 4-hydroxy-4-methyl   | *             | 140.000         | A    |     |       |
| P4109-07                 | A4EJ9     | Solid  | 4H-Cyclopenta[def]phenanthrene    | *             | 220.000         | J    |     |       |
| P4109-07                 | A4EJ9     | Solid  | Benzophenone                      | *             | 170.000         | J    |     |       |
| P4109-07                 | A4EJ9     | Solid  | n-Hexadecanoic acid               | *             | 230.000         | J    |     |       |
| P4109-07                 | A4EJ9     | Solid  | Total Alkanes                     | *             | 0.000           | 98   | 350 | ug/Kg |
|                          |           |        | <b>Total Tics :</b>               |               | <b>760.00</b>   |      |     |       |
| P4109-07                 | A4EJ9     | Solid  | Acenaphthene                      |               | 110.000         | J 83 | 350 | ug/Kg |
| P4109-07                 | A4EJ9     | Solid  | Acetophenone                      |               | 120.000         | J 77 | 670 | ug/Kg |
| P4109-07                 | A4EJ9     | Solid  | Anthracene                        |               | 180.000         | J 87 | 350 | ug/Kg |
| P4109-07                 | A4EJ9     | Solid  | Benzo(a)anthracene                |               | 450.000         | 79   | 350 | ug/Kg |
| P4109-07                 | A4EJ9     | Solid  | Benzo(a)pyrene                    |               | 180.000         | J 85 | 350 | ug/Kg |
| P4109-07                 | A4EJ9     | Solid  | Benzo(b)fluoranthene              |               | 500.000         | 85   | 350 | ug/Kg |
| P4109-07                 | A4EJ9     | Solid  | Benzo(k)fluoranthene              |               | 190.000         | J 91 | 350 | ug/Kg |
| P4109-07                 | A4EJ9     | Solid  | Carbazole                         |               | 110.000         | J 91 | 670 | ug/Kg |
| P4109-07                 | A4EJ9     | Solid  | Chrysene                          |               | 440.000         | 91   | 350 | ug/Kg |
| P4109-07                 | A4EJ9     | Solid  | Fluoranthene                      |               | 1,200.000       | 89   | 350 | ug/Kg |
| P4109-07                 | A4EJ9     | Solid  | Fluorene                          |               | 100.000         | J 91 | 350 | ug/Kg |
| P4109-07                 | A4EJ9     | Solid  | Indeno(1,2,3-cd)pyrene            |               | 120.000         | J 75 | 350 | ug/Kg |
| P4109-07                 | A4EJ9     | Solid  | Naphthalene                       |               | 77.000          | J 69 | 350 | ug/Kg |
| P4109-07                 | A4EJ9     | Solid  | Phenanthrene                      |               | 1,000.000       | 89   | 350 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BM100724

Client:

| Sample ID            | Client ID | Matrix | Parameter                           | Concentration | C | MDL | RDL | Units |
|----------------------|-----------|--------|-------------------------------------|---------------|---|-----|-----|-------|
| P4109-07             | A4EJ9     | Solid  | Pyrene                              | 700.000       |   | 89  | 350 | ug/Kg |
| Total Svoc :         |           |        |                                     | 5,477.00      |   |     |     |       |
| Total Concentration: |           |        |                                     | 6,237.00      |   |     |     |       |
| Client ID : A4EK0    |           |        |                                     |               |   |     |     |       |
| P4109-08             | A4EK0     | Solid  | (DEL) Alkane: Straight-Chain21.( *  | 340.000       | J |     |     |       |
| P4109-08             | A4EK0     | Solid  | Benzophenone *                      | 270.000       | J |     |     |       |
| P4109-08             | A4EK0     | Solid  | n-Hexadecanoic acid *               | 480.000       | J |     |     |       |
| P4109-08             | A4EK0     | Solid  | Total Alkanes *                     | 340.000       |   | 87  | 310 | ug/Kg |
| Total Tics :         |           |        |                                     | 1,430.00      |   |     |     |       |
| P4109-08             | A4EK0     | Solid  | Fluoranthene                        | 110.000       | J | 80  | 310 | ug/Kg |
| P4109-08             | A4EK0     | Solid  | Pyrene                              | 91.000        | J | 80  | 310 | ug/Kg |
| Total Svoc :         |           |        |                                     | 201.00        |   |     |     |       |
| Total Concentration: |           |        |                                     | 1,631.00      |   |     |     |       |
| Client ID : A4E64    |           |        |                                     |               |   |     |     |       |
| P4109-13             | A4E64     | Solid  | 1,1-Biphenyl, 2-methyl- *           | 97.000        | J |     |     |       |
| P4109-13             | A4E64     | Solid  | 2,6,6-Trimethyl-2-cyclohexene-1, *  | 170.000       | J |     |     |       |
| P4109-13             | A4E64     | Solid  | 8-Octadecenoic acid, methyl ester * | 99.000        | J |     |     |       |
| P4109-13             | A4E64     | Solid  | 9,10-Anthracenedione *              | 190.000       | J |     |     |       |
| P4109-13             | A4E64     | Solid  | Benzene, 1,4-dichloro- *            | 620.000       | J |     |     |       |
| P4109-13             | A4E64     | Solid  | n-Hexadecanoic acid *               | 580.000       | J |     |     |       |
| P4109-13             | A4E64     | Solid  | Pentadecanoic acid, 14-methyl-, n * | 140.000       | J |     |     |       |
| P4109-13             | A4E64     | Solid  | Triacontan-15-ol *                  | 280.000       | J |     |     |       |
| P4109-13             | A4E64     | Solid  | Tridecanoic acid, methyl ester *    | 110.000       | J |     |     |       |
| P4109-13             | A4E64     | Solid  | Undecanoic acid, methyl ester *     | 130.000       | J |     |     |       |
| P4109-13             | A4E64     | Solid  | Total Alkanes *                     | 0.000         |   | 48  | 170 | ug/Kg |
| Total Tics :         |           |        |                                     | 2,416.00      |   |     |     |       |
| P4109-13             | A4E64     | Solid  | 2,4,5-Trichlorophenol               | 1,700.000     |   | 42  | 170 | ug/Kg |
| P4109-13             | A4E64     | Solid  | 2,4,6-Trichlorophenol               | 7,400.000     | E | 43  | 170 | ug/Kg |
| P4109-13             | A4E64     | Solid  | 2,4-Dichlorophenol                  | 4,300.000     | E | 39  | 170 | ug/Kg |
| P4109-13             | A4E64     | Solid  | 2,4-Dinitrotoluene                  | 6,500.000     | E | 27  | 170 | ug/Kg |
| P4109-13             | A4E64     | Solid  | 2,6-Dinitrotoluene                  | 10,000.000    | E | 21  | 170 | ug/Kg |
| P4109-13             | A4E64     | Solid  | 2-Chlorophenol                      | 3,100.000     | E | 28  | 170 | ug/Kg |
| P4109-13             | A4E64     | Solid  | 2-Methylnaphthalene                 | 2,100.000     |   | 37  | 170 | ug/Kg |
| P4109-13             | A4E64     | Solid  | 2-Nitrophenol                       | 1,900.000     |   | 32  | 170 | ug/Kg |
| P4109-13             | A4E64     | Solid  | 4-Bromophenyl-phenylether           | 1,700.000     |   | 45  | 170 | ug/Kg |
| P4109-13             | A4E64     | Solid  | 4-Chloro-3-methylphenol             | 1,700.000     |   | 28  | 170 | ug/Kg |
| P4109-13             | A4E64     | Solid  | 4-Chlorophenyl-phenylether          | 1,900.000     |   | 47  | 170 | ug/Kg |
| P4109-13             | A4E64     | Solid  | 4-Nitrophenol                       | 3,100.000     |   | 41  | 330 | ug/Kg |
| P4109-13             | A4E64     | Solid  | Acenaphthene                        | 4,100.000     | E | 41  | 170 | ug/Kg |
| P4109-13             | A4E64     | Solid  | Acenaphthylene                      | 770.000       |   | 43  | 170 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BM100724

Client:

| Sample ID | Client ID | Matrix | Parameter                  | Concentration | C | MDL | RDL | Units |
|-----------|-----------|--------|----------------------------|---------------|---|-----|-----|-------|
| P4109-13  | A4E64     | Solid  | Anthracene                 | 1,600.000     |   | 43  | 170 | ug/Kg |
| P4109-13  | A4E64     | Solid  | Benzo(a)anthracene         | 4,700.000     | E | 39  | 170 | ug/Kg |
| P4109-13  | A4E64     | Solid  | Benzo(a)pyrene             | 1,400.000     |   | 42  | 170 | ug/Kg |
| P4109-13  | A4E64     | Solid  | Benzo(b)fluoranthene       | 5,800.000     | E | 42  | 170 | ug/Kg |
| P4109-13  | A4E64     | Solid  | Benzo(g,h,i)perylene       | 1,100.000     |   | 35  | 170 | ug/Kg |
| P4109-13  | A4E64     | Solid  | Bis(2-Chloroethoxy)methane | 6,300.000     | E | 38  | 170 | ug/Kg |
| P4109-13  | A4E64     | Solid  | Bis(2-Chloroethyl)ether    | 6,100.000     | E | 34  | 330 | ug/Kg |
| P4109-13  | A4E64     | Solid  | Bis(2-ethylhexyl)phthalate | 7,300.000     | E | 44  | 170 | ug/Kg |
| P4109-13  | A4E64     | Solid  | Butylbenzylphthalate       | 2,100.000     |   | 32  | 170 | ug/Kg |
| P4109-13  | A4E64     | Solid  | Chrysene                   | 6,200.000     | E | 45  | 170 | ug/Kg |
| P4109-13  | A4E64     | Solid  | Di-n-butylphthalate        | 5,700.000     | E | 42  | 170 | ug/Kg |
| P4109-13  | A4E64     | Solid  | Dibenzo(a,h)anthracene     | 3,000.000     | E | 37  | 170 | ug/Kg |
| P4109-13  | A4E64     | Solid  | Fluoranthene               | 5,800.000     | E | 44  | 170 | ug/Kg |
| P4109-13  | A4E64     | Solid  | Fluorene                   | 5,400.000     | E | 45  | 170 | ug/Kg |
| P4109-13  | A4E64     | Solid  | Hexachlorobenzene          | 8,100.000     | E | 50  | 170 | ug/Kg |
| P4109-13  | A4E64     | Solid  | Hexachlorobutadiene        | 5,100.000     | E | 34  | 170 | ug/Kg |
| P4109-13  | A4E64     | Solid  | Hexachloroethane           | 4,100.000     | E | 23  | 170 | ug/Kg |
| P4109-13  | A4E64     | Solid  | Indeno(1,2,3-cd)pyrene     | 1,200.000     |   | 37  | 170 | ug/Kg |
| P4109-13  | A4E64     | Solid  | Isophorone                 | 5,600.000     | E | 34  | 170 | ug/Kg |
| P4109-13  | A4E64     | Solid  | N-Nitroso-di-n-propylamine | 6,000.000     | E | 29  | 170 | ug/Kg |
| P4109-13  | A4E64     | Solid  | Nitrobenzene               | 1,200.000     |   | 36  | 170 | ug/Kg |
| P4109-13  | A4E64     | Solid  | Pentachlorophenol          | 8,200.000     | E | 87  | 330 | ug/Kg |
| P4109-13  | A4E64     | Solid  | Phenanthrene               | 1,600.000     |   | 44  | 170 | ug/Kg |
| P4109-13  | A4E64     | Solid  | Phenol                     | 1,100.000     |   | 35  | 330 | ug/Kg |
| P4109-13  | A4E64     | Solid  | Pyrene                     | 2,600.000     |   | 44  | 170 | ug/Kg |

**Total Svoc : 157,570.00**

**Total Concentration: 159,986.00**

Client ID : A4E64DL

|                     |         |       |                           |   |                 |       |     |       |
|---------------------|---------|-------|---------------------------|---|-----------------|-------|-----|-------|
| P4109-13DL          | A4E64DL | Solid | Benzene, 1,3-dichloro-    | * | 7,500.000       | JD    |     |       |
| P4109-13DL          | A4E64DL | Solid | Total Alkanes             | * | 0.000           | D 240 | 850 | ug/Kg |
| <b>Total Tics :</b> |         |       |                           |   | <b>7,500.00</b> |       |     |       |
| P4109-13DL          | A4E64DL | Solid | 2,4,5-Trichlorophenol     |   | 1,600.000       | D 210 | 850 | ug/Kg |
| P4109-13DL          | A4E64DL | Solid | 2,4,6-Trichlorophenol     |   | 7,400.000       | D 210 | 850 | ug/Kg |
| P4109-13DL          | A4E64DL | Solid | 2,4-Dichlorophenol        |   | 4,200.000       | D 190 | 850 | ug/Kg |
| P4109-13DL          | A4E64DL | Solid | 2,4-Dinitrotoluene        |   | 6,200.000       | D 130 | 850 | ug/Kg |
| P4109-13DL          | A4E64DL | Solid | 2,6-Dinitrotoluene        |   | 9,600.000       | D 100 | 850 | ug/Kg |
| P4109-13DL          | A4E64DL | Solid | 2-Chlorophenol            |   | 3,100.000       | D 140 | 850 | ug/Kg |
| P4109-13DL          | A4E64DL | Solid | 2-Methylnaphthalene       |   | 2,100.000       | D 180 | 850 | ug/Kg |
| P4109-13DL          | A4E64DL | Solid | 2-Nitrophenol             |   | 1,700.000       | D 160 | 850 | ug/Kg |
| P4109-13DL          | A4E64DL | Solid | 4-Bromophenyl-phenylether |   | 1,600.000       | D 220 | 850 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BM100724

Client:

| Sample ID  | Client ID | Matrix | Parameter                  | Concentration | C  | MDL | RDL  | Units |
|------------|-----------|--------|----------------------------|---------------|----|-----|------|-------|
| P4109-13DL | A4E64DL   | Solid  | 4-Chloro-3-methylphenol    | 1,600.000     | D  | 140 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | 4-Chlorophenyl-phenylether | 2,100.000     | D  | 230 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | 4-Nitrophenol              | 2,900.000     | D  | 200 | 1600 | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Acenaphthene               | 4,300.000     | D  | 200 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Acenaphthylene             | 740.000       | JD | 210 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Anthracene                 | 1,600.000     | D  | 210 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Benzo(a)anthracene         | 4,800.000     | D  | 190 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Benzo(a)pyrene             | 1,400.000     | D  | 210 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Benzo(b)fluoranthene       | 6,400.000     | D  | 210 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Benzo(g,h,i)perylene       | 1,000.000     | D  | 170 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Bis(2-Chloroethoxy)methane | 6,300.000     | D  | 190 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Bis(2-Chloroethyl)ether    | 6,100.000     | D  | 170 | 1600 | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Bis(2-ethylhexyl)phthalate | 7,600.000     | D  | 220 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Butylbenzylphthalate       | 1,800.000     | D  | 160 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Chrysene                   | 7,200.000     | D  | 220 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Di-n-butylphthalate        | 6,500.000     | D  | 210 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Dibenzo(a,h)anthracene     | 2,900.000     | D  | 180 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Fluoranthene               | 6,100.000     | D  | 220 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Fluorene                   | 6,400.000     | D  | 220 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Hexachlorobenzene          | 8,700.000     | D  | 250 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Hexachlorobutadiene        | 5,300.000     | D  | 170 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Hexachloroethane           | 4,100.000     | D  | 110 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Indeno(1,2,3-cd)pyrene     | 1,200.000     | D  | 180 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Isophorone                 | 5,700.000     | D  | 170 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | N-Nitroso-di-n-propylamine | 6,100.000     | D  | 140 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Nitrobenzene               | 1,100.000     | D  | 180 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Pentachlorophenol          | 8,100.000     | D  | 430 | 1600 | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Phenanthrene               | 1,600.000     | D  | 220 | 850  | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Phenol                     | 1,100.000     | JD | 170 | 1600 | ug/Kg |
| P4109-13DL | A4E64DL   | Solid  | Pyrene                     | 2,500.000     | D  | 220 | 850  | ug/Kg |

**Total Svoc : 160,740.00**

**Total Concentration: 168,240.00**

Client ID : A4ET8

|          |       |       |                     |   |         |    |     |       |
|----------|-------|-------|---------------------|---|---------|----|-----|-------|
| P4109-16 | A4ET8 | Solid | Benzophenone        | * | 170.000 | J  |     |       |
| P4109-16 | A4ET8 | Solid | n-Hexadecanoic acid | * | 170.000 | J  |     |       |
| P4109-16 | A4ET8 | Solid | Total Alkanes       | * | 0.000   | 73 | 260 | ug/Kg |

**Total Tics : 340.00**

**Total Concentration: 340.00**

Client ID : A4ET9

### Hit Summary Sheet SW-846

SDG No.: BM100724

Client:

| Sample ID            | Client ID | Matrix | Parameter                        | Concentration | C         | MDL | RDL | Units |
|----------------------|-----------|--------|----------------------------------|---------------|-----------|-----|-----|-------|
| P4109-17             | A4ET9     | Solid  | Total Alkanes                    | *             | 0.000     | 120 | 420 | ug/Kg |
| P4109-17             | A4ET9     | Solid  | Total Alkanes                    | *             | 0.000     | 120 | 420 | ug/Kg |
| Total Tics :         |           |        |                                  | 0.00          |           |     |     |       |
| P4109-17             | A4ET9     | Solid  | Benzo(b)fluoranthene             | 110.000       | J         | 100 | 420 | ug/Kg |
| P4109-17             | A4ET9     | Solid  | Fluoranthene                     | 170.000       | J         | 110 | 420 | ug/Kg |
| P4109-17             | A4ET9     | Solid  | Acetophenone                     | 95.000        | J         | 94  | 820 | ug/Kg |
| P4109-17             | A4ET9     | Solid  | Benzo(b)fluoranthene             | 110.000       | J         | 100 | 420 | ug/Kg |
| P4109-17             | A4ET9     | Solid  | Fluoranthene                     | 170.000       | J         | 110 | 420 | ug/Kg |
| P4109-17             | A4ET9     | Solid  | Pyrene                           | 110.000       | J         | 110 | 420 | ug/Kg |
| Total Svoc :         |           |        |                                  | 765.00        |           |     |     |       |
| Total Concentration: |           |        |                                  | 765.00        |           |     |     |       |
| Client ID : A4EW0    |           |        |                                  |               |           |     |     |       |
| P4109-18             | A4EW0     | Solid  | (DEL) Alkane: Straight-Chain21.0 | *             | 200.000   | J   |     |       |
| P4109-18             | A4EW0     | Solid  | Benzophenone                     | *             | 160.000   | J   |     |       |
| P4109-18             | A4EW0     | Solid  | n-Hexadecanoic acid              | *             | 210.000   | J   |     |       |
| P4109-18             | A4EW0     | Solid  | Total Alkanes                    | *             | 200.000   | 58  | 210 | ug/Kg |
| Total Tics :         |           |        |                                  | 770.00        |           |     |     |       |
| Total Concentration: |           |        |                                  | 770.00        |           |     |     |       |
| Client ID : A4EW1    |           |        |                                  |               |           |     |     |       |
| P4109-19             | A4EW1     | Solid  | (DEL) Alkane: Cyclic25.574       | *             | 510.000   | J   |     |       |
| P4109-19             | A4EW1     | Solid  | (DEL) Alkane: Straight-Chain21.0 | *             | 430.000   | J   |     |       |
| P4109-19             | A4EW1     | Solid  | (DEL) Alkane: Straight-Chain22.1 | *             | 1,000.000 | J   |     |       |
| P4109-19             | A4EW1     | Solid  | (DEL) Alkane: Straight-Chain25.4 | *             | 450.000   | J   |     |       |
| P4109-19             | A4EW1     | Solid  | Octadecanal                      | *             | 370.000   | J   |     |       |
| P4109-19             | A4EW1     | Solid  | Oxirane, hexadecyl-              | *             | 1,600.000 | J   |     |       |
| P4109-19             | A4EW1     | Solid  | Triacontanal                     | *             | 770.000   | J   |     |       |
| P4109-19             | A4EW1     | Solid  | Total Alkanes                    | *             | 2,400.000 | 120 | 420 | ug/Kg |
| Total Tics :         |           |        |                                  | 7,530.00      |           |     |     |       |
| P4109-19             | A4EW1     | Solid  | Benzo(a)anthracene               | 180.000       | J         | 97  | 420 | ug/Kg |
| P4109-19             | A4EW1     | Solid  | Benzo(b)fluoranthene             | 270.000       | J         | 100 | 420 | ug/Kg |
| P4109-19             | A4EW1     | Solid  | Chrysene                         | 210.000       | J         | 110 | 420 | ug/Kg |
| P4109-19             | A4EW1     | Solid  | Fluoranthene                     | 400.000       | J         | 110 | 420 | ug/Kg |
| P4109-19             | A4EW1     | Solid  | Phenanthrene                     | 180.000       | J         | 110 | 420 | ug/Kg |
| P4109-19             | A4EW1     | Solid  | Pyrene                           | 230.000       | J         | 110 | 420 | ug/Kg |
| Total Svoc :         |           |        |                                  | 1,470.00      |           |     |     |       |
| Total Concentration: |           |        |                                  | 9,000.00      |           |     |     |       |
| Client ID : A4EW2    |           |        |                                  |               |           |     |     |       |
| P4109-20             | A4EW2     | Solid  | Benzophenone                     | *             | 270.000   | J   |     |       |
| P4109-20             | A4EW2     | Solid  | n-Hexadecanoic acid              | *             | 380.000   | J   |     |       |

### Hit Summary Sheet SW-846

SDG No.: BM100724

Client:

| Sample ID            | Client ID | Matrix | Parameter                          | Concentration | C        | MDL | RDL | Units |
|----------------------|-----------|--------|------------------------------------|---------------|----------|-----|-----|-------|
| P4109-20             | A4EW2     | Solid  | Pentadecafluorooctanoic acid, oct: | *             | 200.000  | J   |     |       |
| P4109-20             | A4EW2     | Solid  | Total Alkanes                      | *             | 0.000    | 120 | 420 | ug/Kg |
| Total Tics :         |           |        |                                    |               | 850.00   |     |     |       |
| Total Concentration: |           |        |                                    |               | 850.00   |     |     |       |
| Client ID : A4EW7    |           |        |                                    |               |          |     |     |       |
| P4109-22             | A4EW7     | Solid  | (DEL) Alkane: Straight-Chain21.0   | *             | 130.000  | J   |     |       |
| P4109-22             | A4EW7     | Solid  | Benzophenone                       | *             | 110.000  | J   |     |       |
| P4109-22             | A4EW7     | Solid  | n-Hexadecanoic acid                | *             | 170.000  | J   |     |       |
| P4109-22             | A4EW7     | Solid  | Total Alkanes                      | *             | 130.000  | 56  | 200 | ug/Kg |
| Total Tics :         |           |        |                                    |               | 540.00   |     |     |       |
| Total Concentration: |           |        |                                    |               | 540.00   |     |     |       |
| Client ID : A4EX2    |           |        |                                    |               |          |     |     |       |
| P4131-01             | A4EX2     | Solid  | Benzophenone                       | *             | 380.000  | J   |     |       |
| P4131-01             | A4EX2     | Solid  | n-Hexadecanoic acid                | *             | 100.000  | J   |     |       |
| P4131-01             | A4EX2     | Solid  | Total Alkanes                      | *             | 0.000    | 57  | 200 | ug/Kg |
| Total Tics :         |           |        |                                    |               | 480.00   |     |     |       |
| Total Concentration: |           |        |                                    |               | 480.00   |     |     |       |
| Client ID : A4EY2    |           |        |                                    |               |          |     |     |       |
| P4131-02             | A4EY2     | Solid  | (DEL) Alkane: Straight-Chain21.0   | *             | 140.000  | J   |     |       |
| P4131-02             | A4EY2     | Solid  | Benzophenone                       | *             | 370.000  | J   |     |       |
| P4131-02             | A4EY2     | Solid  | n-Hexadecanoic acid                | *             | 220.000  | J   |     |       |
| P4131-02             | A4EY2     | Solid  | Total Alkanes                      | *             | 140.000  | 73  | 260 | ug/Kg |
| Total Tics :         |           |        |                                    |               | 870.00   |     |     |       |
| P4131-02             | A4EY2     | Solid  | Benzo(a)anthracene                 |               | 130.000  | J   | 59  | 260   |
| P4131-02             | A4EY2     | Solid  | Benzo(a)pyrene                     |               | 120.000  | J   | 64  | 260   |
| P4131-02             | A4EY2     | Solid  | Benzo(b)fluoranthene               |               | 160.000  | J   | 64  | 260   |
| P4131-02             | A4EY2     | Solid  | Benzo(g,h,i)perylene               |               | 73.000   | J   | 53  | 260   |
| P4131-02             | A4EY2     | Solid  | Chrysene                           |               | 130.000  | J   | 68  | 260   |
| P4131-02             | A4EY2     | Solid  | Fluoranthene                       |               | 320.000  |     | 67  | 260   |
| P4131-02             | A4EY2     | Solid  | Indeno(1,2,3-cd)pyrene             |               | 58.000   | J   | 56  | 260   |
| P4131-02             | A4EY2     | Solid  | Phenanthrene                       |               | 230.000  | J   | 67  | 260   |
| P4131-02             | A4EY2     | Solid  | Pyrene                             |               | 260.000  |     | 67  | 260   |
| Total Svoc :         |           |        |                                    |               | 1,481.00 |     |     |       |
| Total Concentration: |           |        |                                    |               | 2,351.00 |     |     |       |
| Client ID : A4EW9    |           |        |                                    |               |          |     |     |       |
| P4131-08             | A4EW9     | Solid  | (DEL) Alkane: Cyclic21.068         | *             | 150.000  | J   |     |       |
| P4131-08             | A4EW9     | Solid  | Benzophenone                       | *             | 270.000  | J   |     |       |
| P4131-08             | A4EW9     | Solid  | Total Alkanes                      | *             | 150.000  | 83  | 290 | ug/Kg |
| Total Tics :         |           |        |                                    |               | 570.00   |     |     |       |

### Hit Summary Sheet SW-846

SDG No.: BM100724

Client:

| Sample ID            | Client ID | Matrix | Parameter                         | Concentration | C       | MDL  | RDL | Units |
|----------------------|-----------|--------|-----------------------------------|---------------|---------|------|-----|-------|
| Total Concentration: |           |        |                                   | 570.00        |         |      |     |       |
| Client ID :          | A4EX0     |        |                                   |               |         |      |     |       |
| P4131-09             | A4EX0     | Solid  | (DEL) Alkane: Cyclic21.068        | *             | 82.000  | J    |     |       |
| P4131-09             | A4EX0     | Solid  | Benzophenone                      | *             | 300.000 | J    |     |       |
| P4131-09             | A4EX0     | Solid  | n-Hexadecanoic acid               | *             | 100.000 | J    |     |       |
| P4131-09             | A4EX0     | Solid  | Total Alkanes                     | *             | 82.000  | 54   | 190 | ug/Kg |
| Total Tics :         |           |        |                                   | 564.00        |         |      |     |       |
| Total Concentration: |           |        |                                   | 564.00        |         |      |     |       |
| Client ID :          | A4EX3     |        |                                   |               |         |      |     |       |
| P4131-10             | A4EX3     | Solid  | Benzophenone                      | *             | 300.000 | J    |     |       |
| P4131-10             | A4EX3     | Solid  | n-Hexadecanoic acid               | *             | 210.000 | J    |     |       |
| P4131-10             | A4EX3     | Solid  | Total Alkanes                     | *             | 0.000   | 100  | 370 | ug/Kg |
| Total Tics :         |           |        |                                   | 510.00        |         |      |     |       |
| P4131-10             | A4EX3     | Solid  | Benzo(a)anthracene                |               | 170.000 | J 85 | 370 | ug/Kg |
| P4131-10             | A4EX3     | Solid  | Benzo(b)fluoranthene              |               | 260.000 | J 91 | 370 | ug/Kg |
| P4131-10             | A4EX3     | Solid  | Chrysene                          |               | 200.000 | J 98 | 370 | ug/Kg |
| P4131-10             | A4EX3     | Solid  | Fluoranthene                      |               | 410.000 | 96   | 370 | ug/Kg |
| P4131-10             | A4EX3     | Solid  | Phenanthrene                      |               | 170.000 | J 96 | 370 | ug/Kg |
| P4131-10             | A4EX3     | Solid  | Pyrene                            |               | 220.000 | J 96 | 370 | ug/Kg |
| Total Svoc :         |           |        |                                   | 1,430.00      |         |      |     |       |
| Total Concentration: |           |        |                                   | 1,940.00      |         |      |     |       |
| Client ID :          | A4EX4     |        |                                   |               |         |      |     |       |
| P4131-11             | A4EX4     | Solid  | (DEL) Alkane: Straight-Chain21.(  | *             | 150.000 | J    |     |       |
| P4131-11             | A4EX4     | Solid  | Benzophenone                      | *             | 300.000 | J    |     |       |
| P4131-11             | A4EX4     | Solid  | n-Hexadecanoic acid               | *             | 120.000 | J    |     |       |
| P4131-11             | A4EX4     | Solid  | Total Alkanes                     | *             | 150.000 | 77   | 270 | ug/Kg |
| Total Tics :         |           |        |                                   | 720.00        |         |      |     |       |
| Total Concentration: |           |        |                                   | 720.00        |         |      |     |       |
| Client ID :          | A4EX5     |        |                                   |               |         |      |     |       |
| P4131-12             | A4EX5     | Solid  | Benzophenone                      | *             | 370.000 | J    |     |       |
| P4131-12             | A4EX5     | Solid  | n-Hexadecanoic acid               | *             | 88.000  | J    |     |       |
| P4131-12             | A4EX5     | Solid  | Pentadecafluorooctanoic acid, oct | *             | 83.000  | J    |     |       |
| P4131-12             | A4EX5     | Solid  | Total Alkanes                     | *             | 0.000   | 57   | 200 | ug/Kg |
| Total Tics :         |           |        |                                   | 541.00        |         |      |     |       |
| Total Concentration: |           |        |                                   | 541.00        |         |      |     |       |
| Client ID :          | A4EX9     |        |                                   |               |         |      |     |       |
| P4131-14             | A4EX9     | Solid  | Benzophenone                      | *             | 250.000 | J    |     |       |
| P4131-14             | A4EX9     | Solid  | Total Alkanes                     | *             | 0.000   | 60   | 210 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BM100724

Client:

| Sample ID         | Client ID | Matrix | Parameter                         | Concentration | C         | MDL  | RDL | Units |
|-------------------|-----------|--------|-----------------------------------|---------------|-----------|------|-----|-------|
|                   |           |        | Total Tics :                      | 250.00        |           |      |     |       |
|                   |           |        | Total Concentration:              | 250.00        |           |      |     |       |
| Client ID : A4E67 |           |        |                                   |               |           |      |     |       |
| P4131-21          | A4E67     | Solid  | 1,1-Biphenyl, 2-methyl-           | *             | 73.000    | J    |     |       |
| P4131-21          | A4E67     | Solid  | 10,18-Bisnorabieta-8,11,13-triene | *             | 67.000    | J    |     |       |
| P4131-21          | A4E67     | Solid  | 2,6,6-Trimethyl-2-cyclohexene-1,  | *             | 130.000   | J    |     |       |
| P4131-21          | A4E67     | Solid  | 9,10-Anthracenedione              | *             | 120.000   | J    |     |       |
| P4131-21          | A4E67     | Solid  | Benzene, 1,2-dichloro-            | *             | 6,700.000 | J    |     |       |
| P4131-21          | A4E67     | Solid  | Benzophenone                      | *             | 430.000   | J    |     |       |
| P4131-21          | A4E67     | Solid  | n-Hexadecanoic acid               | *             | 160.000   | J    |     |       |
| P4131-21          | A4E67     | Solid  | Pentadecanoic acid, 14-methyl-, n | *             | 72.000    | J    |     |       |
| P4131-21          | A4E67     | Solid  | Total Alkanes                     | *             | 0.000     | 48   | 170 | ug/Kg |
|                   |           |        | Total Tics :                      | 7,752.00      |           |      |     |       |
| P4131-21          | A4E67     | Solid  | 2,4,5-Trichlorophenol             |               | 1,200.000 | 42   | 170 | ug/Kg |
| P4131-21          | A4E67     | Solid  | 2,4,6-Trichlorophenol             |               | 5,300.000 | E 43 | 170 | ug/Kg |
| P4131-21          | A4E67     | Solid  | 2,4-Dichlorophenol                |               | 3,200.000 | E 39 | 170 | ug/Kg |
| P4131-21          | A4E67     | Solid  | 2,4-Dinitrotoluene                |               | 4,700.000 | E 27 | 170 | ug/Kg |
| P4131-21          | A4E67     | Solid  | 2,6-Dinitrotoluene                |               | 7,300.000 | E 21 | 170 | ug/Kg |
| P4131-21          | A4E67     | Solid  | 2-Chlorophenol                    |               | 2,500.000 | 28   | 170 | ug/Kg |
| P4131-21          | A4E67     | Solid  | 2-Methylnaphthalene               |               | 1,600.000 | 37   | 170 | ug/Kg |
| P4131-21          | A4E67     | Solid  | 2-Nitrophenol                     |               | 1,400.000 | 32   | 170 | ug/Kg |
| P4131-21          | A4E67     | Solid  | 4-Bromophenyl-phenylether         |               | 1,200.000 | 45   | 170 | ug/Kg |
| P4131-21          | A4E67     | Solid  | 4-Chloro-3-methylphenol           |               | 1,200.000 | 28   | 170 | ug/Kg |
| P4131-21          | A4E67     | Solid  | 4-Chlorophenyl-phenylether        |               | 1,400.000 | 47   | 170 | ug/Kg |
| P4131-21          | A4E67     | Solid  | 4-Nitrophenol                     |               | 2,000.000 | 41   | 330 | ug/Kg |
| P4131-21          | A4E67     | Solid  | Acenaphthene                      |               | 3,100.000 | E 41 | 170 | ug/Kg |
| P4131-21          | A4E67     | Solid  | Acenaphthylene                    |               | 570.000   | 43   | 170 | ug/Kg |
| P4131-21          | A4E67     | Solid  | Anthracene                        |               | 1,100.000 | 43   | 170 | ug/Kg |
| P4131-21          | A4E67     | Solid  | Benzo(a)anthracene                |               | 3,300.000 | E 39 | 170 | ug/Kg |
| P4131-21          | A4E67     | Solid  | Benzo(a)pyrene                    |               | 990.000   | 42   | 170 | ug/Kg |
| P4131-21          | A4E67     | Solid  | Benzo(b)fluoranthene              |               | 4,300.000 | E 42 | 170 | ug/Kg |
| P4131-21          | A4E67     | Solid  | Benzo(g,h,i)perylene              |               | 720.000   | 35   | 170 | ug/Kg |
| P4131-21          | A4E67     | Solid  | Bis(2-Chloroethoxy)methane        |               | 4,800.000 | E 38 | 170 | ug/Kg |
| P4131-21          | A4E67     | Solid  | Bis(2-Chloroethyl)ether           |               | 4,700.000 | 34   | 330 | ug/Kg |
| P4131-21          | A4E67     | Solid  | Bis(2-ethylhexyl)phthalate        |               | 5,200.000 | E 44 | 170 | ug/Kg |
| P4131-21          | A4E67     | Solid  | Butylbenzylphthalate              |               | 1,300.000 | 32   | 170 | ug/Kg |
| P4131-21          | A4E67     | Solid  | Chrysene                          |               | 4,700.000 | E 45 | 170 | ug/Kg |
| P4131-21          | A4E67     | Solid  | Di-n-butylphthalate               |               | 4,300.000 | E 42 | 170 | ug/Kg |
| P4131-21          | A4E67     | Solid  | Dibenzo(a,h)anthracene            |               | 2,000.000 | 37   | 170 | ug/Kg |
| P4131-21          | A4E67     | Solid  | Fluoranthene                      |               | 4,300.000 | E 44 | 170 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BM100724

Client:

| Sample ID                   | Client ID | Matrix | Parameter                  | Concentration     | C | MDL | RDL | Units |
|-----------------------------|-----------|--------|----------------------------|-------------------|---|-----|-----|-------|
| P4131-21                    | A4E67     | Solid  | Fluorene                   | 4,300.000         | E | 45  | 170 | ug/Kg |
| P4131-21                    | A4E67     | Solid  | Hexachlorobenzene          | 6,000.000         | E | 50  | 170 | ug/Kg |
| P4131-21                    | A4E67     | Solid  | Hexachlorobutadiene        | 3,900.000         | E | 34  | 170 | ug/Kg |
| P4131-21                    | A4E67     | Solid  | Hexachloroethane           | 3,200.000         | E | 23  | 170 | ug/Kg |
| P4131-21                    | A4E67     | Solid  | Indeno(1,2,3-cd)pyrene     | 800.000           |   | 37  | 170 | ug/Kg |
| P4131-21                    | A4E67     | Solid  | Isophorone                 | 4,300.000         | E | 34  | 170 | ug/Kg |
| P4131-21                    | A4E67     | Solid  | N-Nitroso-di-n-propylamine | 4,600.000         | E | 29  | 170 | ug/Kg |
| P4131-21                    | A4E67     | Solid  | Nitrobenzene               | 940.000           |   | 36  | 170 | ug/Kg |
| P4131-21                    | A4E67     | Solid  | Pentachlorophenol          | 5,800.000         | E | 87  | 330 | ug/Kg |
| P4131-21                    | A4E67     | Solid  | Phenanthrene               | 1,200.000         |   | 44  | 170 | ug/Kg |
| P4131-21                    | A4E67     | Solid  | Phenol                     | 860.000           |   | 35  | 330 | ug/Kg |
| P4131-21                    | A4E67     | Solid  | Pyrene                     | 1,800.000         |   | 44  | 170 | ug/Kg |
| <b>Total Svoc :</b>         |           |        |                            | <b>116,080.00</b> |   |     |     |       |
| <b>Total Concentration:</b> |           |        |                            | <b>123,832.00</b> |   |     |     |       |

Client ID : A4E67DL

|                     |         |       |                            |                 |           |    |     |            |
|---------------------|---------|-------|----------------------------|-----------------|-----------|----|-----|------------|
| P4131-21DL          | A4E67DL | Solid | Benzene, 1,2-dichloro-     | *               | 6,000.000 | JD |     |            |
| P4131-21DL          | A4E67DL | Solid | Benzophenone               | *               | 420.000   | JD |     |            |
| P4131-21DL          | A4E67DL | Solid | Total Alkanes              | *               | 0.000     | D  | 240 | 850 ug/Kg  |
| <b>Total Tics :</b> |         |       |                            | <b>6,420.00</b> |           |    |     |            |
| P4131-21DL          | A4E67DL | Solid | 2,4,5-Trichlorophenol      |                 | 1,200.000 | D  | 210 | 850 ug/Kg  |
| P4131-21DL          | A4E67DL | Solid | 2,4,6-Trichlorophenol      |                 | 5,300.000 | D  | 210 | 850 ug/Kg  |
| P4131-21DL          | A4E67DL | Solid | 2,4-Dichlorophenol         |                 | 3,100.000 | D  | 190 | 850 ug/Kg  |
| P4131-21DL          | A4E67DL | Solid | 2,4-Dinitrotoluene         |                 | 4,300.000 | D  | 130 | 850 ug/Kg  |
| P4131-21DL          | A4E67DL | Solid | 2,6-Dinitrotoluene         |                 | 6,800.000 | D  | 100 | 850 ug/Kg  |
| P4131-21DL          | A4E67DL | Solid | 2-Chlorophenol             |                 | 2,400.000 | D  | 140 | 850 ug/Kg  |
| P4131-21DL          | A4E67DL | Solid | 2-Methylnaphthalene        |                 | 1,600.000 | D  | 180 | 850 ug/Kg  |
| P4131-21DL          | A4E67DL | Solid | 2-Nitrophenol              |                 | 1,300.000 | D  | 160 | 850 ug/Kg  |
| P4131-21DL          | A4E67DL | Solid | 4-Bromophenyl-phenylether  |                 | 1,100.000 | D  | 220 | 850 ug/Kg  |
| P4131-21DL          | A4E67DL | Solid | 4-Chloro-3-methylphenol    |                 | 1,100.000 | D  | 140 | 850 ug/Kg  |
| P4131-21DL          | A4E67DL | Solid | 4-Chlorophenyl-phenylether |                 | 1,600.000 | D  | 230 | 850 ug/Kg  |
| P4131-21DL          | A4E67DL | Solid | 4-Nitrophenol              |                 | 1,600.000 | D  | 200 | 1600 ug/Kg |
| P4131-21DL          | A4E67DL | Solid | Acenaphthene               |                 | 3,200.000 | D  | 200 | 850 ug/Kg  |
| P4131-21DL          | A4E67DL | Solid | Acenaphthylene             |                 | 550.000   | JD | 210 | 850 ug/Kg  |
| P4131-21DL          | A4E67DL | Solid | Anthracene                 |                 | 1,100.000 | D  | 210 | 850 ug/Kg  |
| P4131-21DL          | A4E67DL | Solid | Benzo(a)anthracene         |                 | 3,400.000 | D  | 190 | 850 ug/Kg  |
| P4131-21DL          | A4E67DL | Solid | Benzo(a)pyrene             |                 | 970.000   | D  | 210 | 850 ug/Kg  |
| P4131-21DL          | A4E67DL | Solid | Benzo(b)fluoranthene       |                 | 4,500.000 | D  | 210 | 850 ug/Kg  |
| P4131-21DL          | A4E67DL | Solid | Benzo(g,h,i)perylene       |                 | 700.000   | JD | 170 | 850 ug/Kg  |
| P4131-21DL          | A4E67DL | Solid | Bis(2-Chloroethoxy)methane |                 | 4,800.000 | D  | 190 | 850 ug/Kg  |
| P4131-21DL          | A4E67DL | Solid | Bis(2-Chloroethyl)ether    |                 | 4,800.000 | D  | 170 | 1600 ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BM100724

Client:

| Sample ID  | Client ID | Matrix | Parameter                  | Concentration | C  | MDL | RDL  | Units |
|------------|-----------|--------|----------------------------|---------------|----|-----|------|-------|
| P4131-21DL | A4E67DL   | Solid  | Bis(2-ethylhexyl)phthalate | 4,900.000     | D  | 220 | 850  | ug/Kg |
| P4131-21DL | A4E67DL   | Solid  | Butylbenzylphthalate       | 1,100.000     | D  | 160 | 850  | ug/Kg |
| P4131-21DL | A4E67DL   | Solid  | Chrysene                   | 5,000.000     | D  | 220 | 850  | ug/Kg |
| P4131-21DL | A4E67DL   | Solid  | Di-n-butylphthalate        | 4,400.000     | D  | 210 | 850  | ug/Kg |
| P4131-21DL | A4E67DL   | Solid  | Dibenzo(a,h)anthracene     | 2,000.000     | D  | 180 | 850  | ug/Kg |
| P4131-21DL | A4E67DL   | Solid  | Fluoranthene               | 4,300.000     | D  | 220 | 850  | ug/Kg |
| P4131-21DL | A4E67DL   | Solid  | Fluorene                   | 4,700.000     | D  | 220 | 850  | ug/Kg |
| P4131-21DL | A4E67DL   | Solid  | Hexachlorobenzene          | 6,300.000     | D  | 250 | 850  | ug/Kg |
| P4131-21DL | A4E67DL   | Solid  | Hexachlorobutadiene        | 4,000.000     | D  | 170 | 850  | ug/Kg |
| P4131-21DL | A4E67DL   | Solid  | Hexachloroethane           | 3,200.000     | D  | 110 | 850  | ug/Kg |
| P4131-21DL | A4E67DL   | Solid  | Indeno(1,2,3-cd)pyrene     | 770.000       | JD | 180 | 850  | ug/Kg |
| P4131-21DL | A4E67DL   | Solid  | Isophorone                 | 4,300.000     | D  | 170 | 850  | ug/Kg |
| P4131-21DL | A4E67DL   | Solid  | N-Nitroso-di-n-propylamine | 4,700.000     | D  | 140 | 850  | ug/Kg |
| P4131-21DL | A4E67DL   | Solid  | Nitrobenzene               | 890.000       | D  | 180 | 850  | ug/Kg |
| P4131-21DL | A4E67DL   | Solid  | Pentachlorophenol          | 5,700.000     | D  | 430 | 1600 | ug/Kg |
| P4131-21DL | A4E67DL   | Solid  | Phenanthrene               | 1,200.000     | D  | 220 | 850  | ug/Kg |
| P4131-21DL | A4E67DL   | Solid  | Phenol                     | 860.000       | JD | 170 | 1600 | ug/Kg |
| P4131-21DL | A4E67DL   | Solid  | Pyrene                     | 1,800.000     | D  | 220 | 850  | ug/Kg |

**Total Svoc : 115,540.00**

**Total Concentration: 121,960.00**

Client ID : A4EK6

|          |       |       |                                      |           |   |  |
|----------|-------|-------|--------------------------------------|-----------|---|--|
| P4183-01 | A4EK6 | Solid | (DEL) Alkane: Straight-Chain18.2 *   | 110.000   | J |  |
| P4183-01 | A4EK6 | Solid | (DEL) Alkane: Straight-Chain22.1 *   | 650.000   | J |  |
| P4183-01 | A4EK6 | Solid | (DEL) Alkane: Straight-Chain23.6 *   | 1,100.000 | J |  |
| P4183-01 | A4EK6 | Solid | (DEL) Alkane: Straight-Chain25.4 *   | 1,200.000 | J |  |
| P4183-01 | A4EK6 | Solid | .gamma.-Murolene *                   | 100.000   | J |  |
| P4183-01 | A4EK6 | Solid | 1-Heptacosanol *                     | 1,100.000 | J |  |
| P4183-01 | A4EK6 | Solid | 11H-Benzo[b]fluorene *               | 120.000   | J |  |
| P4183-01 | A4EK6 | Solid | 2H-Pyran, tetrahydro-2-methyl- *     | 360.000   | J |  |
| P4183-01 | A4EK6 | Solid | 4H-Cyclopenta[def]phenanthrene *     | 330.000   | J |  |
| P4183-01 | A4EK6 | Solid | 9,10-Anthracenedione *               | 240.000   | J |  |
| P4183-01 | A4EK6 | Solid | Anthracene, 1-methyl- *              | 120.000   | J |  |
| P4183-01 | A4EK6 | Solid | Benzophenone *                       | 570.000   | J |  |
| P4183-01 | A4EK6 | Solid | Cyclopenta(def)phenanthrenone *      | 190.000   | J |  |
| P4183-01 | A4EK6 | Solid | Cyclopentanone, 2-(1-adamantyl)- *   | 98.000    | J |  |
| P4183-01 | A4EK6 | Solid | n-Hexadecanoic acid *                | 970.000   | J |  |
| P4183-01 | A4EK6 | Solid | Oxirane, tetramethyl- *              | 100.000   | J |  |
| P4183-01 | A4EK6 | Solid | Pentadecafluorooctanoic acid, oct: * | 420.000   | J |  |
| P4183-01 | A4EK6 | Solid | Phenanthrene, 2,5-dimethyl- *        | 130.000   | J |  |
| P4183-01 | A4EK6 | Solid | Tricyclo[8.2.2.2(4,7)]hexadeca-2,4 * | 150.000   | J |  |

### Hit Summary Sheet SW-846

SDG No.: BM100724

Client:

| Sample ID            | Client ID | Matrix | Parameter                       | Concentration | C         | MDL  | RDL | Units |
|----------------------|-----------|--------|---------------------------------|---------------|-----------|------|-----|-------|
| P4183-01             | A4EK6     | Solid  | Total Alkanes                   | *             | 3,100.000 | 70   | 250 | ug/Kg |
| Total Tics :         |           |        |                                 | 11,158.00     |           |      |     |       |
| P4183-01             | A4EK6     | Solid  | Acenaphthylene                  |               | 120.000   | J 63 | 250 | ug/Kg |
| P4183-01             | A4EK6     | Solid  | Acetophenone                    |               | 190.000   | J 56 | 480 | ug/Kg |
| P4183-01             | A4EK6     | Solid  | Anthracene                      |               | 200.000   | J 63 | 250 | ug/Kg |
| P4183-01             | A4EK6     | Solid  | Benzo(a)anthracene              |               | 1,100.000 | 57   | 250 | ug/Kg |
| P4183-01             | A4EK6     | Solid  | Benzo(a)pyrene                  |               | 740.000   | 61   | 250 | ug/Kg |
| P4183-01             | A4EK6     | Solid  | Benzo(b)fluoranthene            |               | 2,100.000 | 61   | 250 | ug/Kg |
| P4183-01             | A4EK6     | Solid  | Benzo(g,h,i)perylene            |               | 110.000   | J 51 | 250 | ug/Kg |
| P4183-01             | A4EK6     | Solid  | Benzo(k)fluoranthene            |               | 710.000   | 66   | 250 | ug/Kg |
| P4183-01             | A4EK6     | Solid  | Bis(2-ethylhexyl)phthalate      |               | 840.000   | 64   | 250 | ug/Kg |
| P4183-01             | A4EK6     | Solid  | Butylbenzylphthalate            |               | 180.000   | J 47 | 250 | ug/Kg |
| P4183-01             | A4EK6     | Solid  | Carbazole                       |               | 140.000   | J 66 | 480 | ug/Kg |
| P4183-01             | A4EK6     | Solid  | Chrysene                        |               | 1,600.000 | 66   | 250 | ug/Kg |
| P4183-01             | A4EK6     | Solid  | Dibenzo(a,h)anthracene          |               | 260.000   | 54   | 250 | ug/Kg |
| P4183-01             | A4EK6     | Solid  | Fluoranthene                    |               | 3,100.000 | 64   | 250 | ug/Kg |
| P4183-01             | A4EK6     | Solid  | Indeno(1,2,3-cd)pyrene          |               | 660.000   | 54   | 250 | ug/Kg |
| P4183-01             | A4EK6     | Solid  | Phenanthrene                    |               | 1,000.000 | 64   | 250 | ug/Kg |
| P4183-01             | A4EK6     | Solid  | Phenol                          |               | 98.000    | J 51 | 480 | ug/Kg |
| P4183-01             | A4EK6     | Solid  | Pyrene                          |               | 1,900.000 | 64   | 250 | ug/Kg |
| Total Svoc :         |           |        |                                 | 15,048.00     |           |      |     |       |
| Total Concentration: |           |        |                                 | 26,206.00     |           |      |     |       |
| Client ID : A4EK7    |           |        |                                 |               |           |      |     |       |
| P4183-02             | A4EK7     | Solid  | Benzophenone                    | *             | 190.000   | J    |     |       |
| P4183-02             | A4EK7     | Solid  | Total Alkanes                   | *             | 0.000     | 82   | 290 | ug/Kg |
| Total Tics :         |           |        |                                 | 190.00        |           |      |     |       |
| P4183-02             | A4EK7     | Solid  | Benzo(a)anthracene              |               | 180.000   | J 67 | 290 | ug/Kg |
| P4183-02             | A4EK7     | Solid  | Benzo(a)pyrene                  |               | 78.000    | J 72 | 290 | ug/Kg |
| P4183-02             | A4EK7     | Solid  | Benzo(b)fluoranthene            |               | 240.000   | J 72 | 290 | ug/Kg |
| P4183-02             | A4EK7     | Solid  | Benzo(k)fluoranthene            |               | 89.000    | J 77 | 290 | ug/Kg |
| P4183-02             | A4EK7     | Solid  | Bis(2-ethylhexyl)phthalate      |               | 190.000   | J 75 | 290 | ug/Kg |
| P4183-02             | A4EK7     | Solid  | Chrysene                        |               | 190.000   | J 77 | 290 | ug/Kg |
| P4183-02             | A4EK7     | Solid  | Fluoranthene                    |               | 400.000   | 75   | 290 | ug/Kg |
| P4183-02             | A4EK7     | Solid  | Phenanthrene                    |               | 200.000   | J 75 | 290 | ug/Kg |
| P4183-02             | A4EK7     | Solid  | Pyrene                          |               | 230.000   | J 75 | 290 | ug/Kg |
| Total Svoc :         |           |        |                                 | 1,797.00      |           |      |     |       |
| Total Concentration: |           |        |                                 | 1,987.00      |           |      |     |       |
| Client ID : A4EK8    |           |        |                                 |               |           |      |     |       |
| P4183-03             | A4EK8     | Solid  | 1,1-Biphenyl, 2,2,4,4-tetrachlo | *             | 110.000   | J    |     |       |
| P4183-03             | A4EK8     | Solid  | Benzophenone                    | *             | 610.000   | J    |     |       |

### Hit Summary Sheet SW-846

SDG No.: BM100724

Client:

| Sample ID            | Client ID | Matrix | Parameter                        | Concentration | C       | MDL | RDL | Units     |
|----------------------|-----------|--------|----------------------------------|---------------|---------|-----|-----|-----------|
| P4183-03             | A4EK8     | Solid  | Heptane, 3-(chloromethyl)-       | *             | 510.000 | J   |     |           |
| P4183-03             | A4EK8     | Solid  | Tridecanoic acid                 | *             | 170.000 | J   |     |           |
| P4183-03             | A4EK8     | Solid  | Total Alkanes                    | *             | 0.000   | 69  | 250 | ug/Kg     |
| Total Tics :         |           |        |                                  | 1,400.00      |         |     |     |           |
| P4183-03             | A4EK8     | Solid  | Benzo(a)anthracene               |               | 100.000 | J   | 56  | 250 ug/Kg |
| P4183-03             | A4EK8     | Solid  | Benzo(a)pyrene                   |               | 94.000  | J   | 61  | 250 ug/Kg |
| P4183-03             | A4EK8     | Solid  | Benzo(b)fluoranthene             |               | 110.000 | J   | 61  | 250 ug/Kg |
| P4183-03             | A4EK8     | Solid  | Benzo(g,h,i)perylene             |               | 54.000  | J   | 51  | 250 ug/Kg |
| P4183-03             | A4EK8     | Solid  | Chrysene                         |               | 99.000  | J   | 65  | 250 ug/Kg |
| P4183-03             | A4EK8     | Solid  | Fluoranthene                     |               | 200.000 | J   | 63  | 250 ug/Kg |
| P4183-03             | A4EK8     | Solid  | Phenanthrene                     |               | 140.000 | J   | 63  | 250 ug/Kg |
| P4183-03             | A4EK8     | Solid  | Pyrene                           |               | 160.000 | J   | 63  | 250 ug/Kg |
| Total Svoc :         |           |        |                                  | 957.00        |         |     |     |           |
| Total Concentration: |           |        |                                  | 2,357.00      |         |     |     |           |
| Client ID : A4EM0    |           |        |                                  |               |         |     |     |           |
| P4183-04             | A4EM0     | Solid  | Benzophenone                     | *             | 220.000 | J   |     |           |
| P4183-04             | A4EM0     | Solid  | Total Alkanes                    | *             | 0.000   | 77  | 270 | ug/Kg     |
| Total Tics :         |           |        |                                  | 220.00        |         |     |     |           |
| P4183-04             | A4EM0     | Solid  | Benzo(a)anthracene               |               | 130.000 | J   | 62  | 270 ug/Kg |
| P4183-04             | A4EM0     | Solid  | Benzo(b)fluoranthene             |               | 190.000 | J   | 67  | 270 ug/Kg |
| P4183-04             | A4EM0     | Solid  | Bis(2-ethylhexyl)phthalate       |               | 89.000  | J   | 71  | 270 ug/Kg |
| P4183-04             | A4EM0     | Solid  | Chrysene                         |               | 140.000 | J   | 72  | 270 ug/Kg |
| P4183-04             | A4EM0     | Solid  | Fluoranthene                     |               | 300.000 |     | 71  | 270 ug/Kg |
| P4183-04             | A4EM0     | Solid  | Phenanthrene                     |               | 140.000 | J   | 71  | 270 ug/Kg |
| P4183-04             | A4EM0     | Solid  | Pyrene                           |               | 170.000 | J   | 71  | 270 ug/Kg |
| Total Svoc :         |           |        |                                  | 1,159.00      |         |     |     |           |
| Total Concentration: |           |        |                                  | 1,379.00      |         |     |     |           |
| Client ID : A4EM1    |           |        |                                  |               |         |     |     |           |
| P4183-05             | A4EM1     | Solid  | (DEL) Alkane: Straight-Chain22.1 | *             | 290.000 | J   |     |           |
| P4183-05             | A4EM1     | Solid  | (DEL) Alkane: Straight-Chain25.4 | *             | 630.000 | J   |     |           |
| P4183-05             | A4EM1     | Solid  | 4H-Cyclopenta[def]phenanthrene   | *             | 180.000 | J   |     |           |
| P4183-05             | A4EM1     | Solid  | 9,10-Anthracenedione             | *             | 130.000 | J   |     |           |
| P4183-05             | A4EM1     | Solid  | Benzophenone                     | *             | 300.000 | J   |     |           |
| P4183-05             | A4EM1     | Solid  | Cyclopenta(def)phenanthrenone    | *             | 97.000  | J   |     |           |
| P4183-05             | A4EM1     | Solid  | Ethanol, 2-(tetradecyloxy)-      | *             | 300.000 | J   |     |           |
| P4183-05             | A4EM1     | Solid  | Hexacosanal                      | *             | 420.000 | J   |     |           |
| P4183-05             | A4EM1     | Solid  | n-Hexadecanoic acid              | *             | 350.000 | J   |     |           |
| P4183-05             | A4EM1     | Solid  | n-Tetracosanol-1                 | *             | 750.000 | J   |     |           |
| P4183-05             | A4EM1     | Solid  | Total Alkanes                    | *             | 920.000 | 70  | 250 | ug/Kg     |
| Total Tics :         |           |        |                                  | 4,367.00      |         |     |     |           |

### Hit Summary Sheet SW-846

SDG No.: BM100724

Client:

| Sample ID            | Client ID | Matrix | Parameter                          | Concentration | C | MDL | RDL | Units |
|----------------------|-----------|--------|------------------------------------|---------------|---|-----|-----|-------|
| P4183-05             | A4EM1     | Solid  | Acenaphthylene                     | 64.000        | J | 62  | 250 | ug/Kg |
| P4183-05             | A4EM1     | Solid  | Acetophenone                       | 66.000        | J | 55  | 480 | ug/Kg |
| P4183-05             | A4EM1     | Solid  | Anthracene                         | 100.000       | J | 62  | 250 | ug/Kg |
| P4183-05             | A4EM1     | Solid  | Benzo(a)anthracene                 | 630.000       |   | 57  | 250 | ug/Kg |
| P4183-05             | A4EM1     | Solid  | Benzo(a)pyrene                     | 320.000       |   | 61  | 250 | ug/Kg |
| P4183-05             | A4EM1     | Solid  | Benzo(b)fluoranthene               | 1,200.000     |   | 61  | 250 | ug/Kg |
| P4183-05             | A4EM1     | Solid  | Benzo(g,h,i)perylene               | 51.000        | J | 51  | 250 | ug/Kg |
| P4183-05             | A4EM1     | Solid  | Benzo(k)fluoranthene               | 410.000       |   | 65  | 250 | ug/Kg |
| P4183-05             | A4EM1     | Solid  | Bis(2-ethylhexyl)phthalate         | 380.000       |   | 64  | 250 | ug/Kg |
| P4183-05             | A4EM1     | Solid  | Carbazole                          | 68.000        | J | 65  | 480 | ug/Kg |
| P4183-05             | A4EM1     | Solid  | Chrysene                           | 850.000       |   | 65  | 250 | ug/Kg |
| P4183-05             | A4EM1     | Solid  | Dibenzo(a,h)anthracene             | 140.000       | J | 54  | 250 | ug/Kg |
| P4183-05             | A4EM1     | Solid  | Fluoranthene                       | 1,600.000     |   | 64  | 250 | ug/Kg |
| P4183-05             | A4EM1     | Solid  | Indeno(1,2,3-cd)pyrene             | 310.000       |   | 54  | 250 | ug/Kg |
| P4183-05             | A4EM1     | Solid  | Phenanthrene                       | 530.000       |   | 64  | 250 | ug/Kg |
| P4183-05             | A4EM1     | Solid  | Pyrene                             | 890.000       |   | 64  | 250 | ug/Kg |
| Total Svoc :         |           |        |                                    | 7,609.00      |   |     |     |       |
| Total Concentration: |           |        |                                    | 11,976.00     |   |     |     |       |
| Client ID : A4EM2    |           |        |                                    |               |   |     |     |       |
| P4183-06             | A4EM2     | Solid  | (DEL) Alkane: Straight-Chain21.( * | 160.000       | J |     |     |       |
| P4183-06             | A4EM2     | Solid  | 1,1-Biphenyl, 2,2-dichloro- *      | 110.000       | J |     |     |       |
| P4183-06             | A4EM2     | Solid  | Benzophenone *                     | 700.000       | J |     |     |       |
| P4183-06             | A4EM2     | Solid  | n-Hexadecanoic acid *              | 140.000       | J |     |     |       |
| P4183-06             | A4EM2     | Solid  | Total Alkanes *                    | 160.000       |   | 70  | 250 | ug/Kg |
| Total Tics :         |           |        |                                    | 1,270.00      |   |     |     |       |
| P4183-06             | A4EM2     | Solid  | Fluoranthene                       | 65.000        | J | 64  | 250 | ug/Kg |
| P4183-06             | A4EM2     | Solid  | Pyrene                             | 66.000        | J | 64  | 250 | ug/Kg |
| Total Svoc :         |           |        |                                    | 131.00        |   |     |     |       |
| Total Concentration: |           |        |                                    | 1,401.00      |   |     |     |       |
| Client ID : A4EL1    |           |        |                                    |               |   |     |     |       |
| P4183-10             | A4EL1     | Solid  | 1,1-Biphenyl, 2,4,4-trichloro- *   | 190.000       | J |     |     |       |
| P4183-10             | A4EL1     | Solid  | Benzophenone *                     | 970.000       | J |     |     |       |
| P4183-10             | A4EL1     | Solid  | Methanone, (1-hydroxycyclohexy *   | 140.000       | J |     |     |       |
| P4183-10             | A4EL1     | Solid  | n-Hexadecanoic acid *              | 220.000       | J |     |     |       |
| P4183-10             | A4EL1     | Solid  | n-Tetracosanol-1 *                 | 250.000       | J |     |     |       |
| P4183-10             | A4EL1     | Solid  | Total Alkanes *                    | 0.000         |   | 92  | 330 | ug/Kg |
| Total Tics :         |           |        |                                    | 1,770.00      |   |     |     |       |
| P4183-10             | A4EL1     | Solid  | Benzo(b)fluoranthene               | 85.000        | J | 80  | 330 | ug/Kg |
| P4183-10             | A4EL1     | Solid  | Fluoranthene                       | 140.000       | J | 84  | 330 | ug/Kg |
| P4183-10             | A4EL1     | Solid  | Pyrene                             | 120.000       | J | 84  | 330 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BM100724

Client:

| Sample ID            | Client ID | Matrix | Parameter                          | Concentration | C | MDL | RDL | Units |
|----------------------|-----------|--------|------------------------------------|---------------|---|-----|-----|-------|
| Total Svoc :         |           |        |                                    | 345.00        |   |     |     |       |
| Total Concentration: |           |        |                                    | 2,115.00      |   |     |     |       |
| Client ID : A4EL2    |           |        |                                    |               |   |     |     |       |
| P4183-11             | A4EL2     | Solid  | (DEL) Alkane: Straight-Chain21.( * | 350.000       | J |     |     |       |
| P4183-11             | A4EL2     | Solid  | Benzophenone *                     | 990.000       | J |     |     |       |
| P4183-11             | A4EL2     | Solid  | Methanone, (1-hydroxycyclohexy *   | 150.000       | J |     |     |       |
| P4183-11             | A4EL2     | Solid  | n-Hexadecanoic acid *              | 280.000       | J |     |     |       |
| P4183-11             | A4EL2     | Solid  | Total Alkanes *                    | 350.000       |   | 88  | 310 | ug/Kg |
| Total Tics :         |           |        |                                    | 2,120.00      |   |     |     |       |
| P4183-11             | A4EL2     | Solid  | Benzo(a)anthracene                 | 150.000       | J | 71  | 310 | ug/Kg |
| P4183-11             | A4EL2     | Solid  | Benzo(a)pyrene                     | 140.000       | J | 77  | 310 | ug/Kg |
| P4183-11             | A4EL2     | Solid  | Benzo(b)fluoranthene               | 170.000       | J | 77  | 310 | ug/Kg |
| P4183-11             | A4EL2     | Solid  | Benzo(g,h,i)perylene               | 85.000        | J | 64  | 310 | ug/Kg |
| P4183-11             | A4EL2     | Solid  | Chrysene                           | 150.000       | J | 82  | 310 | ug/Kg |
| P4183-11             | A4EL2     | Solid  | Fluoranthene                       | 310.000       |   | 80  | 310 | ug/Kg |
| P4183-11             | A4EL2     | Solid  | Indeno(1,2,3-cd)pyrene             | 69.000        | J | 68  | 310 | ug/Kg |
| P4183-11             | A4EL2     | Solid  | Phenanthrene                       | 190.000       | J | 80  | 310 | ug/Kg |
| P4183-11             | A4EL2     | Solid  | Pyrene                             | 280.000       | J | 80  | 310 | ug/Kg |
| Total Svoc :         |           |        |                                    | 1,544.00      |   |     |     |       |
| Total Concentration: |           |        |                                    | 3,664.00      |   |     |     |       |
| Client ID : A4EL5    |           |        |                                    |               |   |     |     |       |
| P4183-12             | A4EL5     | Solid  | Benzophenone *                     | 760.000       | J |     |     |       |
| P4183-12             | A4EL5     | Solid  | Methanone, (1-hydroxycyclohexy *   | 110.000       | J |     |     |       |
| P4183-12             | A4EL5     | Solid  | n-Hexadecanoic acid *              | 210.000       | J |     |     |       |
| P4183-12             | A4EL5     | Solid  | n-Tetracosanol-1 *                 | 170.000       | J |     |     |       |
| P4183-12             | A4EL5     | Solid  | Total Alkanes *                    | 0.000         |   | 61  | 220 | ug/Kg |
| Total Tics :         |           |        |                                    | 1,250.00      |   |     |     |       |
| P4183-12             | A4EL5     | Solid  | Fluoranthene                       | 79.000        | J | 56  | 220 | ug/Kg |
| P4183-12             | A4EL5     | Solid  | Pyrene                             | 75.000        | J | 56  | 220 | ug/Kg |
| Total Svoc :         |           |        |                                    | 154.00        |   |     |     |       |
| Total Concentration: |           |        |                                    | 1,404.00      |   |     |     |       |
| Client ID : A4EL6    |           |        |                                    |               |   |     |     |       |
| P4183-13             | A4EL6     | Solid  | Benzophenone *                     | 270.000       | J |     |     |       |
| P4183-13             | A4EL6     | Solid  | Total Alkanes *                    | 0.000         |   | 87  | 310 | ug/Kg |
| Total Tics :         |           |        |                                    | 270.00        |   |     |     |       |
| P4183-13             | A4EL6     | Solid  | Fluoranthene                       | 120.000       | J | 79  | 310 | ug/Kg |
| P4183-13             | A4EL6     | Solid  | Pyrene                             | 79.000        | J | 79  | 310 | ug/Kg |
| Total Svoc :         |           |        |                                    | 199.00        |   |     |     |       |
| Total Concentration: |           |        |                                    | 469.00        |   |     |     |       |

### Hit Summary Sheet SW-846

SDG No.: BM100724

Client:

| Sample ID            | Client ID | Matrix | Parameter                         | Concentration | C       | MDL  | RDL | Units |
|----------------------|-----------|--------|-----------------------------------|---------------|---------|------|-----|-------|
| Client ID : A4EL7    |           |        |                                   |               |         |      |     |       |
| P4183-14             | A4EL7     | Solid  | Benzophenone                      | *             | 260.000 | J    |     |       |
| P4183-14             | A4EL7     | Solid  | Total Alkanes                     | *             | 0.000   | 86   | 310 | ug/Kg |
| Total Tics :         |           |        |                                   | 260.00        |         |      |     |       |
| P4183-14             | A4EL7     | Solid  | Benzo(a)anthracene                |               | 73.000  | J 70 | 310 | ug/Kg |
| P4183-14             | A4EL7     | Solid  | Benzo(b)fluoranthene              |               | 120.000 | J 75 | 310 | ug/Kg |
| P4183-14             | A4EL7     | Solid  | Fluoranthene                      |               | 120.000 | J 79 | 310 | ug/Kg |
| P4183-14             | A4EL7     | Solid  | Pyrene                            |               | 85.000  | J 79 | 310 | ug/Kg |
| Total Svoc :         |           |        |                                   | 398.00        |         |      |     |       |
| Total Concentration: |           |        |                                   | 658.00        |         |      |     |       |
| Client ID : A4EL8    |           |        |                                   |               |         |      |     |       |
| P4183-15             | A4EL8     | Solid  | 1,1-Biphenyl, 2,4,4-trichloro-    | *             | 140.000 | J    |     |       |
| P4183-15             | A4EL8     | Solid  | 2- Chloropropionic acid, octadecy | *             | 440.000 | J    |     |       |
| P4183-15             | A4EL8     | Solid  | Benzophenone                      | *             | 860.000 | J    |     |       |
| P4183-15             | A4EL8     | Solid  | Methanone, (1-hydroxycyclohexy    | *             | 120.000 | J    |     |       |
| P4183-15             | A4EL8     | Solid  | n-Hexadecanoic acid               | *             | 390.000 | J    |     |       |
| P4183-15             | A4EL8     | Solid  | Pentanedioic acid, dimethyl ester | *             | 120.000 | J    |     |       |
| P4183-15             | A4EL8     | Solid  | Total Alkanes                     | *             | 0.000   | 74   | 260 | ug/Kg |
| Total Tics :         |           |        |                                   | 2,070.00      |         |      |     |       |
| P4183-15             | A4EL8     | Solid  | Benzo(a)anthracene                |               | 170.000 | J 60 | 260 | ug/Kg |
| P4183-15             | A4EL8     | Solid  | Benzo(a)pyrene                    |               | 160.000 | J 64 | 260 | ug/Kg |
| P4183-15             | A4EL8     | Solid  | Benzo(b)fluoranthene              |               | 210.000 | J 64 | 260 | ug/Kg |
| P4183-15             | A4EL8     | Solid  | Benzo(g,h,i)perylene              |               | 110.000 | J 54 | 260 | ug/Kg |
| P4183-15             | A4EL8     | Solid  | Benzo(k)fluoranthene              |               | 69.000  | J 69 | 260 | ug/Kg |
| P4183-15             | A4EL8     | Solid  | Chrysene                          |               | 180.000 | J 69 | 260 | ug/Kg |
| P4183-15             | A4EL8     | Solid  | Fluoranthene                      |               | 390.000 | 67   | 260 | ug/Kg |
| P4183-15             | A4EL8     | Solid  | Indeno(1,2,3-cd)pyrene            |               | 89.000  | J 57 | 260 | ug/Kg |
| P4183-15             | A4EL8     | Solid  | Phenanthrene                      |               | 220.000 | J 67 | 260 | ug/Kg |
| P4183-15             | A4EL8     | Solid  | Pyrene                            |               | 350.000 | 67   | 260 | ug/Kg |
| Total Svoc :         |           |        |                                   | 1,948.00      |         |      |     |       |
| Total Concentration: |           |        |                                   | 4,018.00      |         |      |     |       |
| Client ID : A4EL9    |           |        |                                   |               |         |      |     |       |
| P4183-16             | A4EL9     | Solid  | (DEL) Alkane: Straight-Chain21.(  | *             | 180.000 | J    |     |       |
| P4183-16             | A4EL9     | Solid  | Benzophenone                      | *             | 830.000 | J    |     |       |
| P4183-16             | A4EL9     | Solid  | Methanone, (1-hydroxycyclohexy    | *             | 97.000  | J    |     |       |
| P4183-16             | A4EL9     | Solid  | n-Hexadecanoic acid               | *             | 180.000 | J    |     |       |
| P4183-16             | A4EL9     | Solid  | Pentanedioic acid, dimethyl ester | *             | 100.000 | J    |     |       |
| P4183-16             | A4EL9     | Solid  | Total Alkanes                     | *             | 180.000 | 65   | 230 | ug/Kg |
| Total Tics :         |           |        |                                   | 1,567.00      |         |      |     |       |

### Hit Summary Sheet SW-846

SDG No.: BM100724

Client:

| Sample ID            | Client ID | Matrix | Parameter                      | Concentration | C         | MDL | RDL | Units |
|----------------------|-----------|--------|--------------------------------|---------------|-----------|-----|-----|-------|
| Total Concentration: |           |        |                                | 1,567.00      |           |     |     |       |
| Client ID : A4EM3    |           |        |                                |               |           |     |     |       |
| P4183-17             | A4EM3     | Solid  | (DEL) Alkane: Cyclic21.068     | *             | 160.000   | J   |     |       |
| P4183-17             | A4EM3     | Solid  | 4H-Cyclopenta[def]phenanthrene | *             | 150.000   | J   |     |       |
| P4183-17             | A4EM3     | Solid  | Benzophenone                   | *             | 450.000   | J   |     |       |
| P4183-17             | A4EM3     | Solid  | n-Hexadecanoic acid            | *             | 260.000   | J   |     |       |
| P4183-17             | A4EM3     | Solid  | Total Alkanes                  | *             | 160.000   |     | 77  | ug/Kg |
| Total Tics :         |           |        |                                | 1,180.00      |           |     |     |       |
| P4183-17             | A4EM3     | Solid  | Acetophenone                   |               | 81.000    | J   | 61  | ug/Kg |
| P4183-17             | A4EM3     | Solid  | Anthracene                     |               | 85.000    | J   | 69  | ug/Kg |
| P4183-17             | A4EM3     | Solid  | Benzo(a)anthracene             |               | 500.000   |     | 63  | ug/Kg |
| P4183-17             | A4EM3     | Solid  | Benzo(a)pyrene                 |               | 250.000   | J   | 67  | ug/Kg |
| P4183-17             | A4EM3     | Solid  | Benzo(b)fluoranthene           |               | 920.000   |     | 67  | ug/Kg |
| P4183-17             | A4EM3     | Solid  | Benzo(k)fluoranthene           |               | 280.000   |     | 72  | ug/Kg |
| P4183-17             | A4EM3     | Solid  | Bis(2-ethylhexyl)phthalate     |               | 310.000   |     | 71  | ug/Kg |
| P4183-17             | A4EM3     | Solid  | Butylbenzylphthalate           |               | 71.000    | J   | 51  | ug/Kg |
| P4183-17             | A4EM3     | Solid  | Chrysene                       |               | 660.000   |     | 72  | ug/Kg |
| P4183-17             | A4EM3     | Solid  | Dibenzo(a,h)anthracene         |               | 110.000   | J   | 59  | ug/Kg |
| P4183-17             | A4EM3     | Solid  | Fluoranthene                   |               | 1,400.000 |     | 71  | ug/Kg |
| P4183-17             | A4EM3     | Solid  | Indeno(1,2,3-cd)pyrene         |               | 220.000   | J   | 59  | ug/Kg |
| P4183-17             | A4EM3     | Solid  | Phenanthrene                   |               | 460.000   |     | 71  | ug/Kg |
| P4183-17             | A4EM3     | Solid  | Pyrene                         |               | 740.000   |     | 71  | ug/Kg |
| Total Svoc :         |           |        |                                | 6,087.00      |           |     |     |       |
| Total Concentration: |           |        |                                | 7,267.00      |           |     |     |       |
| Client ID : A4EM4    |           |        |                                |               |           |     |     |       |
| P4183-18             | A4EM4     | Solid  | 4H-Cyclopenta[def]phenanthrene | *             | 140.000   | J   |     |       |
| P4183-18             | A4EM4     | Solid  | Benzophenone                   | *             | 400.000   | J   |     |       |
| P4183-18             | A4EM4     | Solid  | n-Hexadecanoic acid            | *             | 200.000   | J   |     |       |
| P4183-18             | A4EM4     | Solid  | Total Alkanes                  | *             | 0.000     |     | 75  | ug/Kg |
| Total Tics :         |           |        |                                | 740.00        |           |     |     |       |
| P4183-18             | A4EM4     | Solid  | Benzo(a)anthracene             |               | 240.000   | J   | 61  | ug/Kg |
| P4183-18             | A4EM4     | Solid  | Benzo(a)pyrene                 |               | 110.000   | J   | 65  | ug/Kg |
| P4183-18             | A4EM4     | Solid  | Benzo(b)fluoranthene           |               | 330.000   |     | 65  | ug/Kg |
| P4183-18             | A4EM4     | Solid  | Benzo(k)fluoranthene           |               | 130.000   | J   | 70  | ug/Kg |
| P4183-18             | A4EM4     | Solid  | Bis(2-ethylhexyl)phthalate     |               | 140.000   | J   | 68  | ug/Kg |
| P4183-18             | A4EM4     | Solid  | Chrysene                       |               | 270.000   |     | 70  | ug/Kg |
| P4183-18             | A4EM4     | Solid  | Fluoranthene                   |               | 560.000   |     | 68  | ug/Kg |
| P4183-18             | A4EM4     | Solid  | Indeno(1,2,3-cd)pyrene         |               | 84.000    | J   | 57  | ug/Kg |
| P4183-18             | A4EM4     | Solid  | Phenanthrene                   |               | 270.000   |     | 68  | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BM100724

Client:

| Sample ID            | Client ID | Matrix | Parameter                           | Concentration | C | MDL | RDL | Units |
|----------------------|-----------|--------|-------------------------------------|---------------|---|-----|-----|-------|
| P4183-18             | A4EM4     | Solid  | Pyrene                              | 310.000       |   | 68  | 260 | ug/Kg |
| Total Svoc :         |           |        |                                     | 2,444.00      |   |     |     |       |
| Total Concentration: |           |        |                                     | 3,184.00      |   |     |     |       |
| Client ID : A4EM5    |           |        |                                     |               |   |     |     |       |
| P4183-19             | A4EM5     | Solid  | (DEL) Alkane: Straight-Chain21.( *  | 270.000       | J |     |     |       |
| P4183-19             | A4EM5     | Solid  | 1,1-Biphenyl, 2,4,4-trichloro- *    | 110.000       | J |     |     |       |
| P4183-19             | A4EM5     | Solid  | Benzophenone *                      | 780.000       | J |     |     |       |
| P4183-19             | A4EM5     | Solid  | n-Hexadecanoic acid *               | 240.000       | J |     |     |       |
| P4183-19             | A4EM5     | Solid  | Pentanedioic acid, dimethyl ester * | 100.000       | J |     |     |       |
| P4183-19             | A4EM5     | Solid  | Total Alkanes *                     | 270.000       |   | 71  | 250 | ug/Kg |
| Total Tics :         |           |        |                                     | 1,770.00      |   |     |     |       |
| P4183-19             | A4EM5     | Solid  | Benzo(b)fluoranthene                | 74.000        | J | 62  | 250 | ug/Kg |
| P4183-19             | A4EM5     | Solid  | Fluoranthene                        | 110.000       | J | 65  | 250 | ug/Kg |
| P4183-19             | A4EM5     | Solid  | Pyrene                              | 100.000       | J | 65  | 250 | ug/Kg |
| Total Svoc :         |           |        |                                     | 284.00        |   |     |     |       |
| Total Concentration: |           |        |                                     | 2,054.00      |   |     |     |       |
| Client ID : A4EM8    |           |        |                                     |               |   |     |     |       |
| P4183-20             | A4EM8     | Solid  | Benzophenone *                      | 300.000       | J |     |     |       |
| P4183-20             | A4EM8     | Solid  | Total Alkanes *                     | 0.000         |   | 90  | 320 | ug/Kg |
| Total Tics :         |           |        |                                     | 300.00        |   |     |     |       |
| P4183-20             | A4EM8     | Solid  | Benzo(a)anthracene                  | 210.000       | J | 73  | 320 | ug/Kg |
| P4183-20             | A4EM8     | Solid  | Benzo(a)pyrene                      | 90.000        | J | 79  | 320 | ug/Kg |
| P4183-20             | A4EM8     | Solid  | Benzo(b)fluoranthene                | 290.000       | J | 79  | 320 | ug/Kg |
| P4183-20             | A4EM8     | Solid  | Benzo(k)fluoranthene                | 110.000       | J | 85  | 320 | ug/Kg |
| P4183-20             | A4EM8     | Solid  | Bis(2-ethylhexyl)phthalate          | 110.000       | J | 83  | 320 | ug/Kg |
| P4183-20             | A4EM8     | Solid  | Chrysene                            | 230.000       | J | 85  | 320 | ug/Kg |
| P4183-20             | A4EM8     | Solid  | Fluoranthene                        | 500.000       |   | 83  | 320 | ug/Kg |
| P4183-20             | A4EM8     | Solid  | Indeno(1,2,3-cd)pyrene              | 70.000        | J | 70  | 320 | ug/Kg |
| P4183-20             | A4EM8     | Solid  | Phenanthrene                        | 300.000       | J | 83  | 320 | ug/Kg |
| P4183-20             | A4EM8     | Solid  | Pyrene                              | 280.000       | J | 83  | 320 | ug/Kg |
| Total Svoc :         |           |        |                                     | 2,190.00      |   |     |     |       |
| Total Concentration: |           |        |                                     | 2,490.00      |   |     |     |       |
| Client ID : A4EM9    |           |        |                                     |               |   |     |     |       |
| P4183-21             | A4EM9     | Solid  | (DEL) Alkane: Cyclic21.068 *        | 150.000       | J |     |     |       |
| P4183-21             | A4EM9     | Solid  | Benzophenone *                      | 860.000       | J |     |     |       |
| P4183-21             | A4EM9     | Solid  | n-Hexadecanoic acid *               | 200.000       | J |     |     |       |
| P4183-21             | A4EM9     | Solid  | Total Alkanes *                     | 150.000       |   | 72  | 250 | ug/Kg |
| Total Tics :         |           |        |                                     | 1,360.00      |   |     |     |       |
| P4183-21             | A4EM9     | Solid  | Fluoranthene                        | 87.000        | J | 66  | 250 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BM100724

Client:

| Sample ID            | Client ID | Matrix | Parameter     | Concentration | C       | MDL  | RDL  | Units |
|----------------------|-----------|--------|---------------|---------------|---------|------|------|-------|
| P4183-21             | A4EM9     | Solid  | Pyrene        | 82.000        | J       | 66   | 250  | ug/Kg |
| Total Svoc :         |           |        |               | 169.00        |         |      |      |       |
| Total Concentration: |           |        |               | 1,529.00      |         |      |      |       |
| Client ID :          | A4EN2     |        |               |               |         |      |      |       |
| P4183-22             | A4EN2     | Solid  | Benzophenone  | *             | 230.000 | J    |      |       |
| P4183-22             | A4EN2     | Solid  | Total Alkanes | *             | 0.000   | 91   | 320  | ug/Kg |
| Total Tics :         |           |        |               | 230.00        |         |      |      |       |
| P4183-22             | A4EN2     | Solid  | Fluoranthene  |               | 110.000 | J 84 | 320  | ug/Kg |
| Total Svoc :         |           |        |               | 110.00        |         |      |      |       |
| Total Concentration: |           |        |               | 340.00        |         |      |      |       |
| Client ID :          | SP6637    |        |               |               |         |      |      |       |
| SP6637               | SP6637    | Water  | Total Alkanes | *             | 0.000   | 1700 | 5000 | ug/L  |
| Total Tics :         |           |        |               | 0.00          |         |      |      |       |
| Total Concentration: |           |        |               | 0.00          |         |      |      |       |



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

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

Lab Code: CHEM

Case No.: BM092724

SAS No.: BM092724

SDG No.: BM092724

Instrument ID: \_\_\_\_\_

Calibration Date(s): 9/27/2024 : \_\_\_\_\_

Calibration Time(s): 18:16 \_\_\_\_\_

|                            |        |                     |        |        |                     |        |                     |       |
|----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:               |        | RRFAL1 = BM047679.D |        |        | RRFAL2 = BM047680.D |        | RRFAL3 = BM047681.D |       |
|                            |        | RRFAL4 = BM047682.D |        |        | RRFAL5 = BM047683.D |        | RRFAL6 = BM047684.D |       |
| COMPOUND                   | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4 | RRFAL5              | RRFAL6 | RRF                 | % RSD |
| 1,4-Dioxane                | 0.671  | 0.724               | 0.713  | 0.649  | 0.623               |        | 0.676               | 6.3   |
| Benzaldehyde               |        | 1.153               | 1.250  | 1.163  | 0.824               | 0.752  | 1.028               | 21.8  |
| Pyridine                   |        | 1.986               | 1.962  | 1.928  | 1.863               | 1.799  | 1.908               | 4.0   |
| Hexachloroethane           | 0.613  | 0.672               | 0.661  | 0.664  | 0.667               |        | 0.655               | 3.7   |
| Nitrobenzene               | 0.396  | 0.468               | 0.449  | 0.470  | 0.479               |        | 0.452               | 7.4   |
| Isophorone                 | 0.663  | 0.825               | 0.821  | 0.856  | 0.881               |        | 0.809               | 10.5  |
| 2-Nitrophenol              | 0.133  | 0.171               | 0.176  | 0.189  | 0.204               |        | 0.175               | 15.1  |
| 2,4-Dimethylphenol         | 0.317  | 0.379               | 0.378  | 0.386  | 0.409               |        | 0.374               | 9.1   |
| Bis(2-Chloroethoxy)methane | 0.438  | 0.518               | 0.500  | 0.504  | 0.515               |        | 0.495               | 6.6   |
| 2,4-Dichlorophenol         | 0.260  | 0.319               | 0.319  | 0.330  | 0.345               |        | 0.315               | 10.2  |
| Naphthalene                | 1.059  | 1.212               | 1.151  | 1.154  | 1.176               |        | 1.150               | 4.9   |
| 4-Chloroaniline            |        | 0.451               | 0.455  | 0.468  | 0.487               | 0.459  | 0.464               | 3.1   |
| Hexachlorobutadiene        | 0.193  | 0.222               | 0.208  | 0.207  | 0.210               |        | 0.208               | 5.0   |
| Phenol                     |        | 1.896               | 1.915  | 2.021  | 2.098               | 2.131  | 2.012               | 5.2   |
| Caprolactam                |        | 0.085               | 0.093  | 0.104  | 0.108               | 0.112  | 0.101               | 11.0  |
| 4-Chloro-3-methylphenol    | 0.261  | 0.315               | 0.327  | 0.352  | 0.375               |        | 0.326               | 13.2  |
| 1-Methylnaphthalene        | 0.652  | 0.762               | 0.740  | 0.769  | 0.796               |        | 0.744               | 7.4   |
| 2-Methylnaphthalene        | 0.639  | 0.747               | 0.723  | 0.758  | 0.788               |        | 0.731               | 7.7   |
| Hexachlorocyclopentadiene  |        | 0.389               | 0.384  | 0.393  | 0.404               | 0.399  | 0.394               | 2.1   |
| 2,4,6-Trichlorophenol      | 0.289  | 0.381               | 0.385  | 0.401  | 0.428               |        | 0.377               | 13.9  |
| 2,4,5-Trichlorophenol      | 0.326  | 0.424               | 0.413  | 0.435  | 0.462               |        | 0.412               | 12.5  |
| 1,1-Biphenyl               | 1.442  | 1.703               | 1.600  | 1.612  | 1.650               |        | 1.601               | 6.1   |
| 2-Chloronaphthalene        | 1.113  | 1.310               | 1.243  | 1.245  | 1.282               |        | 1.238               | 6.1   |
| 2-Nitroaniline             | 0.290  | 0.368               | 0.397  | 0.440  | 0.471               |        | 0.393               | 17.7  |
| Bis(2-Chloroethyl)ether    |        | 1.597               | 1.587  | 1.603  | 1.630               | 1.600  | 1.603               | 1.0   |
| Dimethylphthalate          | 1.308  | 1.529               | 1.475  | 1.493  | 1.538               |        | 1.468               | 6.4   |
| 2,6-Dinitrotoluene         | 0.186  | 0.241               | 0.262  | 0.287  | 0.313               |        | 0.258               | 18.8  |
| Acenaphthylene             | 1.661  | 2.017               | 1.954  | 2.026  | 2.037               |        | 1.939               | 8.2   |
| 3-Nitroaniline             |        | 0.265               | 0.301  | 0.327  | 0.329               | 0.340  | 0.312               | 9.6   |
| Acenaphthene               | 1.233  | 1.440               | 1.371  | 1.392  | 1.417               |        | 1.371               | 5.9   |
| 2,4-Dinitrophenol          |        | 0.108               | 0.131  | 0.158  | 0.186               | 0.214  | 0.159               | 26.4  |
| 4-Nitrophenol              |        | 0.215               | 0.228  | 0.252  | 0.265               | 0.252  | 0.242               | 8.4   |
| Dibenzofuran               | 1.685  | 1.938               | 1.851  | 1.879  | 1.872               |        | 1.845               | 5.1   |
| 2,4-Dinitrotoluene         | 0.278  | 0.372               | 0.397  | 0.430  | 0.459               |        | 0.387               | 18.0  |
| Diethylphthalate           | 1.276  | 1.521               | 1.470  | 1.514  | 1.565               |        | 1.469               | 7.7   |
| 2-Chlorophenol             | 1.263  | 1.469               | 1.475  | 1.512  | 1.570               |        | 1.458               | 8.0   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BM092724

SAS No.: BM092724

SDG No.: BM092724

Instrument ID:

Calibration Date(s): 9/27/2024

Calibration Time(s): 18:16

| LAB FILE ID:                |        | RRFAL1 = BM047679.D |        |        | RRFAL2 = BM047680.D |        | RRFAL3 = BM047681.D |       |
|-----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
|                             |        | RRFAL4 = BM047682.D |        |        | RRFAL5 = BM047683.D |        | RRFAL6 = BM047684.D |       |
| COMPOUND                    | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4 | RRFAL5              | RRFAL6 | RRF                 | % RSD |
| Fluorene                    | 1.354  | 1.599               | 1.572  | 1.596  | 1.575               |        | 1.539               | 6.8   |
| 4-Chlorophenyl-phenylether  | 0.634  | 0.754               | 0.733  | 0.757  | 0.759               |        | 0.727               | 7.3   |
| 4-Nitroaniline              |        | 0.278               | 0.324  | 0.343  | 0.291               | 0.280  | 0.303               | 9.5   |
| 4,6-Dinitro-2-methylphenol  |        | 0.107               | 0.118  | 0.135  | 0.144               | 0.144  | 0.130               | 12.8  |
| N-Nitrosodiphenylamine      | 0.538  | 0.646               | 0.637  | 0.652  | 0.643               |        | 0.623               | 7.7   |
| 1,2,4,5-Tetrachlorobenzene  | 0.595  | 0.689               | 0.647  | 0.651  | 0.674               |        | 0.651               | 5.5   |
| 4-Bromophenyl-phenylether   | 0.182  | 0.214               | 0.204  | 0.213  | 0.218               |        | 0.206               | 7.0   |
| Hexachlorobenzene           | 0.213  | 0.248               | 0.239  | 0.246  | 0.254               |        | 0.240               | 6.6   |
| Atrazine                    |        | 0.207               | 0.206  | 0.215  | 0.225               | 0.184  | 0.207               | 7.4   |
| Pentachlorophenol           |        | 0.130               | 0.138  | 0.153  | 0.170               | 0.172  | 0.153               | 12.2  |
| 2-Methylphenol              |        | 1.296               | 1.306  | 1.405  | 1.494               | 1.515  | 1.403               | 7.3   |
| Phenanthrene                | 1.063  | 1.218               | 1.183  | 1.198  | 1.203               |        | 1.173               | 5.4   |
| Pentachlorobenzene          | 0.311  | 0.339               | 0.318  | 0.325  | 0.324               |        | 0.323               | 3.2   |
| Anthracene                  | 1.051  | 1.237               | 1.210  | 1.252  | 1.232               |        | 1.196               | 6.9   |
| 1,2,3,4-Tetrachlorobenzene  | 0.309  | 0.355               | 0.328  | 0.329  | 0.335               |        | 0.331               | 5.0   |
| Carbazole                   |        | 1.079               | 1.078  | 1.125  | 1.112               | 1.028  | 1.084               | 3.5   |
| Di-n-butylphthalate         | 0.956  | 1.180               | 1.209  | 1.314  | 1.377               |        | 1.207               | 13.4  |
| Fluoranthene                | 1.192  | 1.374               | 1.326  | 1.375  | 1.417               |        | 1.337               | 6.5   |
| Pyrene                      | 1.326  | 1.548               | 1.474  | 1.545  | 1.547               |        | 1.488               | 6.4   |
| Butylbenzylphthalate        | 0.400  | 0.496               | 0.512  | 0.578  | 0.644               |        | 0.526               | 17.4  |
| 3,3-Dichlorobenzidine       |        | 0.391               | 0.411  | 0.442  | 0.455               | 0.414  | 0.423               | 6.1   |
| 2,2-oxybis(1-Chloropropane) |        | 3.100               | 3.033  | 3.057  | 3.063               | 2.839  | 3.018               | 3.4   |
| Benzo(a)anthracene          | 1.266  | 1.453               | 1.388  | 1.434  | 1.461               |        | 1.400               | 5.7   |
| Chrysene                    | 1.267  | 1.430               | 1.363  | 1.387  | 1.379               |        | 1.365               | 4.4   |
| Bis(2-ethylhexyl)phthalate  | 0.571  | 0.746               | 0.778  | 0.902  | 0.951               |        | 0.790               | 18.8  |
| Di-n-octyl phthalate        |        | 1.041               | 1.121  | 1.350  | 1.481               | 1.456  | 1.290               | 15.4  |
| Benzo(b)fluoranthene        | 1.082  | 1.294               | 1.241  | 1.299  | 1.321               |        | 1.247               | 7.8   |
| Benzo(k)fluoranthene        | 1.095  | 1.325               | 1.245  | 1.348  | 1.365               |        | 1.275               | 8.7   |
| Benzo(a)pyrene              | 1.006  | 1.221               | 1.170  | 1.253  | 1.272               |        | 1.185               | 9.0   |
| Indeno(1,2,3-cd)pyrene      | 1.315  | 1.579               | 1.491  | 1.572  | 1.632               |        | 1.518               | 8.2   |
| Dibenzo(a,h)anthracene      | 1.078  | 1.279               | 1.213  | 1.291  | 1.360               |        | 1.244               | 8.6   |
| Benzo(g,h,i)perylene        | 1.053  | 1.236               | 1.171  | 1.227  | 1.259               |        | 1.189               | 7.0   |
| Acetophenone                |        | 2.324               | 2.336  | 2.451  | 2.530               | 2.388  | 2.406               | 3.6   |
| 2,3,4,6-Tetrachlorophenol   | 0.252  | 0.319               | 0.333  | 0.352  | 0.368               |        | 0.325               | 13.8  |
| 1,4-Dioxane-d8              | 0.649  | 0.654               | 0.641  | 0.589  | 0.561               |        | 0.619               | 6.7   |
| Pyridine-d5                 |        | 1.858               | 1.823  | 1.840  | 1.796               | 1.744  | 1.812               | 2.4   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BM092724 SAS No.: BM092724 SDG No.: BM092724  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 9/27/2024 : \_\_\_\_\_  
Calibration Time(s): 18:16 \_\_\_\_\_

|                             |                     |                                  |                     |                     |                                  |                     |                                  |       |
|-----------------------------|---------------------|----------------------------------|---------------------|---------------------|----------------------------------|---------------------|----------------------------------|-------|
| LAB FILE ID:                |                     | RRF <sub>FAL1</sub> = BM047679.D |                     |                     | RRF <sub>FAL2</sub> = BM047680.D |                     | RRF <sub>FAL3</sub> = BM047681.D |       |
|                             |                     | RRF <sub>FAL4</sub> = BM047682.D |                     |                     | RRF <sub>FAL5</sub> = BM047683.D |                     | RRF <sub>FAL6</sub> = BM047684.D |       |
| COMPOUND                    | RRF <sub>FAL1</sub> | RRF <sub>FAL2</sub>              | RRF <sub>FAL3</sub> | RRF <sub>FAL4</sub> | RRF <sub>FAL5</sub>              | RRF <sub>FAL6</sub> | RRF                              | % RSD |
| Phenol-d5                   |                     | 1.757                            | 1.800               | 1.872               | 1.985                            | 2.042               | 1.891                            | 6.4   |
| Bis-(2-Chloroethyl)ether-d8 |                     | 1.366                            | 1.339               | 1.339               | 1.360                            | 1.305               | 1.342                            | 1.8   |
| 2-Chlorophenol-d4           | 1.153               | 1.367                            | 1.403               | 1.446               | 1.510                            |                     | 1.376                            | 9.9   |
| 4-Methylphenol-d8           |                     | 1.277                            | 1.323               | 1.427               | 1.498                            | 1.506               | 1.406                            | 7.3   |
| Nitrobenzene-d5             | 0.127               | 0.161                            | 0.161               | 0.169               | 0.178                            |                     | 0.159                            | 12.3  |
| 2-Nitrophenol-d4            | 0.115               | 0.145                            | 0.148               | 0.169               | 0.187                            |                     | 0.153                            | 17.8  |
| 2,4-Dichlorophenol-d3       | 0.243               | 0.309                            | 0.308               | 0.323               | 0.341                            |                     | 0.305                            | 12.1  |
| 4-Chloroaniline-d4          |                     | 0.456                            | 0.455               | 0.474               | 0.499                            | 0.473               | 0.471                            | 3.8   |
| 4-Methylphenol              |                     | 1.494                            | 1.481               | 1.594               | 1.666                            | 1.649               | 1.577                            | 5.4   |
| Dimethylphthalate-d6        | 1.296               | 1.500                            | 1.447               | 1.482               | 1.525                            |                     | 1.450                            | 6.2   |
| Acenaphthylene-d8           | 1.440               | 1.765                            | 1.733               | 1.812               | 1.847                            |                     | 1.719                            | 9.4   |
| 4-Nitrophenol-d4            |                     | 0.238                            | 0.267               | 0.298               | 0.322                            | 0.319               | 0.289                            | 12.5  |
| Fluorene-d10                | 1.094               | 1.290                            | 1.261               | 1.300               | 1.335                            |                     | 1.256                            | 7.5   |
| 4,6-Dinitro-2-methylphenol- |                     | 0.092                            | 0.103               | 0.121               | 0.134                            | 0.135               | 0.117                            | 16.2  |
| Anthracene-d10              | 0.860               | 1.003                            | 0.983               | 1.025               | 1.046                            |                     | 0.983                            | 7.4   |
| Pyrene-d10                  | 0.983               | 1.161                            | 1.119               | 1.181               | 1.232                            |                     | 1.135                            | 8.3   |
| Benzo(a)pyrene-d12          | 0.862               | 1.064                            | 1.026               | 1.096               | 1.140                            |                     | 1.038                            | 10.3  |
| N-Nitroso-di-n-propylamine  | 1.034               | 1.260                            | 1.284               | 1.385               | 1.409                            |                     | 1.274                            | 11.7  |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020022 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 10:39

Instrument ID: BNA\_M 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    | 138731              | 7.816 | 553617              | 10.61 | 324022              | 14.45  |
|    | UPPER LIMIT    | 277462              | 8.316 | 1107234             | 11.11 | 648044              | 14.951 |
|    | LOWER LIMIT    | 69365.5             | 7.316 | 276808.5            | 10.11 | 162011              | 13.951 |
|    | EPA SAMPLE NO. |                     |       |                     |       |                     |        |
| 01 | SBLK648        | 263160              | 7.80  | 1.05327e            | 10.59 | 650810 *            | 14.43  |
| 02 | A4E64          | 245894              | 7.80  | 991941              | 10.59 | 611644              | 14.43  |
| 03 | A4E64DL        | 230941              | 7.80  | 938294              | 10.59 | 580067              | 14.43  |
| 04 | A4E67          | 212391              | 7.80  | 859847              | 10.59 | 523601              | 14.43  |
| 05 | A4E67DL        | 242137              | 7.80  | 986734              | 10.59 | 602686              | 14.43  |
| 06 | A4EG9          | 230541              | 7.80  | 910051              | 10.59 | 561979              | 14.43  |
| 07 | A4EH2          | 213994              | 7.80  | 857381              | 10.59 | 526818              | 14.43  |
| 08 | SBLK651        | 256865              | 7.80  | 1.03679e            | 10.59 | 646832              | 14.43  |
| 09 | A4EK2          | 170217              | 7.80  | 683644              | 10.59 | 420135              | 14.43  |
| 10 | A4EK3          | 207306              | 7.80  | 832026              | 10.59 | 508165              | 14.43  |
| 11 | A4EH5          | 270675              | 7.80  | 1.08505e            | 10.59 | 676960 *            | 14.43  |
| 12 | A4EH8          | 295216 *            | 7.80  | 1.18338e *          | 10.59 | 741314 *            | 14.43  |
| 13 | A4EJ9          | 311409 *            | 7.80  | 1.24327e *          | 10.59 | 759985 *            | 14.43  |
| 14 | A4EK0          | 341446 *            | 7.80  | 1.39712e *          | 10.59 | 878497 *            | 14.43  |
| 15 | A4ET8          | 313418 *            | 7.80  | 1.26564e *          | 10.59 | 796168 *            | 14.43  |
| 16 | A4EW2          | 287518 *            | 7.80  | 1.17022e *          | 10.59 | 722462 *            | 14.43  |
| 17 | A4EW7          | 297426 *            | 7.80  | 1.22003e *          | 10.59 | 758640 *            | 14.43  |
| 18 | A4ET9          | 322342 *            | 7.80  | 1.29935e *          | 10.59 | 810584 *            | 14.43  |
| 19 | A4EW0          | 281797 *            | 7.80  | 1.1511e+ *          | 10.59 | 709550 *            | 14.43  |
| 20 | A4EW1          | 306733 *            | 7.80  | 1.23852e *          | 10.59 | 752565 *            | 14.43  |
| 21 | SLCS651        | 331036 *            | 7.80  | 1.35886e *          | 10.59 | 842934 *            | 14.43  |
| 22 | SBLK648        | 304615 *            | 7.79  | 1.22463e *          | 10.59 | 752769 *            | 14.43  |
| 23 | A4EY2          | 315817 *            | 7.80  | 1.27739e *          | 10.59 | 785870 *            | 14.43  |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020022 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 05:36

Instrument ID: BNA\_M 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    | 138731              | 7.816 | 553617              | 10.61 | 324022              | 14.45  |
|    | UPPER LIMIT    | 277462              | 8.316 | 1107234             | 11.11 | 648044              | 14.951 |
|    | LOWER LIMIT    | 69365.5             | 7.316 | 276808.5            | 10.11 | 162011              | 13.951 |
|    | EPA SAMPLE NO. |                     |       |                     |       |                     |        |
| 24 | A4EW9          | 361721 *            | 7.80  | 1.4504e+ *          | 10.59 | 899705 *            | 14.43  |
| 25 | A4EX0          | 389637 *            | 7.80  | 1.58487e *          | 10.59 | 977463 *            | 14.43  |
| 26 | A4EX3          | 337814 *            | 7.80  | 1.36543e *          | 10.59 | 842044 *            | 14.43  |
| 27 | A4EX4          | 337353 *            | 7.80  | 1.37592e *          | 10.59 | 860016 *            | 14.43  |
| 28 | A4EX5          | 317166 *            | 7.79  | 1.27442e *          | 10.59 | 794047 *            | 14.43  |
| 29 | A4EX9          | 326005 *            | 7.79  | 1.32855e *          | 10.59 | 818459 *            | 14.43  |
| 30 | A4EX2          | 365324 *            | 7.79  | 1.49226e *          | 10.59 | 918846 *            | 14.43  |
| 31 | SBLK712        | 295965 *            | 7.79  | 1.16291e *          | 10.59 | 720105 *            | 14.43  |
| 32 | A4ET9          | 317265 *            | 7.79  | 1.29298e *          | 10.59 | 790948 *            | 14.43  |
| 33 | A4EN2          | 246010              | 7.79  | 985966              | 10.59 | 604738              | 14.43  |
| 34 | SBLK712        | 274630              | 7.79  | 1.10347e            | 10.59 | 672009 *            | 14.43  |
| 35 | A4EK8          | 214766              | 7.79  | 850692              | 10.59 | 510988              | 14.43  |
| 36 | A4EL1          | 229120              | 7.79  | 910378              | 10.59 | 541819              | 14.43  |
| 37 | A4EL2          | 219817              | 7.79  | 887459              | 10.59 | 535137              | 14.43  |
| 38 | A4EM4          | 219362              | 7.79  | 880880              | 10.59 | 527139              | 14.43  |
| 39 | A4EM2          | 224978              | 7.79  | 886406              | 10.59 | 548839              | 14.43  |
| 40 | A4EL9          | 264399              | 7.79  | 1.09514e            | 10.59 | 672460 *            | 14.43  |
| 41 | A4EM5          | 208229              | 7.79  | 857877              | 10.59 | 529252              | 14.43  |
| 42 | A4EM8          | 218875              | 7.79  | 891407              | 10.59 | 542509              | 14.43  |
| 43 | A4EL5          | 278017 *            | 7.79  | 1.12364e *          | 10.59 | 686937 *            | 14.43  |
| 44 | A4EL7          | 238147              | 7.79  | 966874              | 10.59 | 597035              | 14.43  |
| 45 | A4EM9          | 245909              | 7.79  | 1.00332e            | 10.59 | 613698              | 14.43  |
| 46 | A4EL6          | 247082              | 7.79  | 1.00155e            | 10.59 | 614689              | 14.43  |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020022 Date Analyzed: Oct 9 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 02:19

Instrument ID: BNA\_M 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    | 138731              | 7.816 | 553617              | 10.61 | 324022              | 14.45  |
| UPPER LIMIT    | 277462              | 8.316 | 1107234             | 11.11 | 648044              | 14.951 |
| LOWER LIMIT    | 69365.5             | 7.316 | 276808.5            | 10.11 | 162011              | 13.951 |
| EPA SAMPLE NO. |                     |       |                     |       |                     |        |
| 47 SLCS712     | 260983              | 7.79  | 1.06568e            | 10.59 | 650982 *            | 14.43  |
| 48 SBLK712     | 264321              | 7.79  | 1.04784e            | 10.59 | 643924              | 14.43  |
| 49 A4EM1       | 282996 *            | 7.79  | 1.13418e *          | 10.59 | 678100 *            | 14.43  |
| 50 A4EK6       | 256183              | 7.79  | 1.02613e            | 10.59 | 633476              | 14.43  |
| 51 A4EM3       | 236020              | 7.79  | 963579              | 10.59 | 602185              | 14.43  |
| 52 A4EL8       | 276049              | 7.79  | 1.1255e+ *          | 10.59 | 703477 *            | 14.43  |
| 53 A4EM0       | 280089 *            | 7.79  | 1.11206e *          | 10.59 | 682876 *            | 14.43  |
| 54 A4EK7       | 275649              | 7.79  | 1.11546e *          | 10.59 | 683248 *            | 14.43  |
| 55 SP6637      | 304178 *            | 7.79  | 1.24137e *          | 10.59 | 774436 *            | 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.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020165 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BM047879.D Time Analyzed: 10:39

Instrument ID: BNA\_M 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    | 281605              | 7.798 | 1.15287e+01         | 10.59  | 711060              | 14.43  |
| UPPER LIMIT    | 563210              | 8.298 | 2305740             | 11.092 | 1422120             | 14.933 |
| LOWER LIMIT    | 140802.5            | 7.298 | 576435              | 10.092 | 355530              | 13.933 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK648     | 263160              | 7.80  | 1.05327e            | 10.59  | 650810              | 14.43  |
| 02 A4E64       | 245894              | 7.80  | 991941              | 10.59  | 611644              | 14.43  |
| 03 A4E64DL     | 230941              | 7.80  | 938294              | 10.59  | 580067              | 14.43  |
| 04 A4E67       | 212391              | 7.80  | 859847              | 10.59  | 523601              | 14.43  |
| 05 A4E67DL     | 242137              | 7.80  | 986734              | 10.59  | 602686              | 14.43  |
| 06 A4EG9       | 230541              | 7.80  | 910051              | 10.59  | 561979              | 14.43  |
| 07 A4EH2       | 213994              | 7.80  | 857381              | 10.59  | 526818              | 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.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020166 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BM047887.D Time Analyzed: 17:46

Instrument ID: BNA\_M 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    | 235251              | 7.798 | 953541              | 10.59  | 590668              | 14.43  |
| UPPER LIMIT    | 470502              | 8.298 | 1907082             | 11.092 | 1181336             | 14.933 |
| LOWER LIMIT    | 117625.5            | 7.298 | 476770.5            | 10.092 | 295334              | 13.933 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK651     | 256865              | 7.80  | 1.03679e            | 10.59  | 646832              | 14.43  |
| 02 A4EK2       | 170217              | 7.80  | 683644              | 10.59  | 420135              | 14.43  |
| 03 A4EK3       | 207306              | 7.80  | 832026              | 10.59  | 508165              | 14.43  |
| 04 A4EH5       | 270675              | 7.80  | 1.08505e            | 10.59  | 676960              | 14.43  |
| 05 A4EH8       | 295216              | 7.80  | 1.18338e            | 10.59  | 741314              | 14.43  |
| 06 A4EJ9       | 311409              | 7.80  | 1.24327e            | 10.59  | 759985              | 14.43  |
| 07 A4EK0       | 341446              | 7.80  | 1.39712e            | 10.59  | 878497              | 14.43  |
| 08 A4ET8       | 313418              | 7.80  | 1.26564e            | 10.59  | 796168              | 14.43  |
| 09 A4EW2       | 287518              | 7.80  | 1.17022e            | 10.59  | 722462              | 14.43  |
| 10 A4EW7       | 297426              | 7.80  | 1.22003e            | 10.59  | 758640              | 14.43  |
| 11 A4ET9       | 322342              | 7.80  | 1.29935e            | 10.59  | 810584              | 14.43  |
| 12 A4EW0       | 281797              | 7.80  | 1.1511e+            | 10.59  | 709550              | 14.43  |
| 13 A4EW1       | 306733              | 7.80  | 1.23852e            | 10.59  | 752565              | 14.43  |
| 14 SLCS651     | 331036              | 7.80  | 1.35886e            | 10.59  | 842934              | 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.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020167 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BM047902.D Time Analyzed: 04:17

Instrument ID: BNA\_M 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    | 300435              | 7.798 | 1.23151e+01         | 10.59  | 763048              | 14.43  |
| UPPER LIMIT    | 600870              | 8.298 | 2463020             | 11.086 | 1526096             | 14.933 |
| LOWER LIMIT    | 150217.5            | 7.298 | 615755              | 10.086 | 381524              | 13.933 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK648     | 304615              | 7.79  | 1.22463e            | 10.59  | 752769              | 14.43  |
| 02 A4EY2       | 315817              | 7.80  | 1.27739e            | 10.59  | 785870              | 14.43  |
| 03 A4EW9       | 361721              | 7.80  | 1.4504e+            | 10.59  | 899705              | 14.43  |
| 04 A4EX0       | 389637              | 7.80  | 1.58487e            | 10.59  | 977463              | 14.43  |
| 05 A4EX3       | 337814              | 7.80  | 1.36543e            | 10.59  | 842044              | 14.43  |
| 06 A4EX4       | 337353              | 7.80  | 1.37592e            | 10.59  | 860016              | 14.43  |
| 07 A4EX5       | 317166              | 7.79  | 1.27442e            | 10.59  | 794047              | 14.43  |
| 08 A4EX9       | 326005              | 7.79  | 1.32855e            | 10.59  | 818459              | 14.43  |
| 09 A4EX2       | 365324              | 7.79  | 1.49226e            | 10.59  | 918846              | 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.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020168 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BM047912.D Time Analyzed: 14:29

Instrument ID: BNA\_M 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    | 284890              | 7.793 | 1.17018e+01         | 10.59  | 719273              | 14.43  |
| UPPER LIMIT    | 569780              | 8.293 | 2340360             | 11.086 | 1438546             | 14.933 |
| LOWER LIMIT    | 142445              | 7.293 | 585090              | 10.086 | 359636.5            | 13.933 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK712     | 295965              | 7.79  | 1.16291e            | 10.59  | 720105              | 14.43  |
| 02 A4ET9       | 317265              | 7.79  | 1.29298e            | 10.59  | 790948              | 14.43  |
| 03 A4EN2       | 246010              | 7.79  | 985966              | 10.59  | 604738              | 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.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020169 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BM047916.D Time Analyzed: 17:46

Instrument ID: BNA\_M 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    | 261795              | 7.792 | 1.08823e+01         | 10.59  | 662207              | 14.43  |
| UPPER LIMIT    | 523590              | 8.292 | 2176460             | 11.086 | 1324414             | 14.927 |
| LOWER LIMIT    | 130897.5            | 7.292 | 544115              | 10.086 | 331103.5            | 13.927 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK712     | 274630              | 7.79  | 1.10347e            | 10.59  | 672009              | 14.43  |
| 02 A4EK8       | 214766              | 7.79  | 850692              | 10.59  | 510988              | 14.43  |
| 03 A4EL1       | 229120              | 7.79  | 910378              | 10.59  | 541819              | 14.43  |
| 04 A4EL2       | 219817              | 7.79  | 887459              | 10.59  | 535137              | 14.43  |
| 05 A4EM4       | 219362              | 7.79  | 880880              | 10.59  | 527139              | 14.43  |
| 06 A4EM2       | 224978              | 7.79  | 886406              | 10.59  | 548839              | 14.43  |
| 07 A4EL9       | 264399              | 7.79  | 1.09514e            | 10.59  | 672460              | 14.43  |
| 08 A4EM5       | 208229              | 7.79  | 857877              | 10.59  | 529252              | 14.43  |
| 09 A4EM8       | 218875              | 7.79  | 891407              | 10.59  | 542509              | 14.43  |
| 10 A4EL5       | 278017              | 7.79  | 1.12364e            | 10.59  | 686937              | 14.43  |
| 11 A4EL7       | 238147              | 7.79  | 966874              | 10.59  | 597035              | 14.43  |
| 12 A4EM9       | 245909              | 7.79  | 1.00332e            | 10.59  | 613698              | 14.43  |
| 13 A4EL6       | 247082              | 7.79  | 1.00155e            | 10.59  | 614689              | 14.43  |
| 14 SLCS712     | 260983              | 7.79  | 1.06568e            | 10.59  | 650982              | 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.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020170 Date Analyzed: Oct 9 2024 12:00AM

Lab File ID: BM047931.D Time Analyzed: 04:17

Instrument ID: BNA\_M 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    | 294814              | 7.793 | 1.23548e+01         | 10.59  | 760259              | 14.43  |
| UPPER LIMIT    | 589628              | 8.293 | 2470960             | 11.086 | 1520518             | 14.927 |
| LOWER LIMIT    | 147407              | 7.293 | 617740              | 10.086 | 380129.5            | 13.927 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK712     | 264321              | 7.79  | 1.04784e            | 10.59  | 643924              | 14.43  |
| 02 A4EM1       | 282996              | 7.79  | 1.13418e            | 10.59  | 678100              | 14.43  |
| 03 A4EK6       | 256183              | 7.79  | 1.02613e            | 10.59  | 633476              | 14.43  |
| 04 A4EM3       | 236020              | 7.79  | 963579              | 10.59  | 602185              | 14.43  |
| 05 A4EL8       | 276049              | 7.79  | 1.1255e+            | 10.59  | 703477              | 14.43  |
| 06 A4EM0       | 280089              | 7.79  | 1.11206e            | 10.59  | 682876              | 14.43  |
| 07 A4EK7       | 275649              | 7.79  | 1.11546e            | 10.59  | 683248              | 14.43  |
| 08 SP6637      | 304178              | 7.79  | 1.24137e            | 10.59  | 774436              | 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.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020022 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 10:39

Instrument ID: BNA\_M 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    | 619410              | 17.186 | 588645              | 21.409 | 637397              | 24.415 |
|    | UPPER LIMIT    | 1238820             | 17.686 | 1177290             | 21.909 | 1274794             | 24.915 |
|    | LOWER LIMIT    | 309705              | 16.686 | 294322.5            | 20.909 | 318698.5            | 23.915 |
|    | EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 | SBLK648        | 1.34662*            | 17.17  | 1.30188e+ *         | 21.40  | 1.50796e+ *         | 24.40  |
| 02 | A4E64          | 1.2237e             | 17.17  | 1.04399e+           | 21.41  | 1.2878e+0 *         | 24.40  |
| 03 | A4E64DL        | 1.20182             | 17.17  | 1.11118e+           | 21.40  | 1.25619e+           | 24.40  |
| 04 | A4E67          | 1.04822             | 17.17  | 918735              | 21.40  | 1.09364e+           | 24.40  |
| 05 | A4E67DL        | 1.23413             | 17.17  | 1.13568e+           | 21.40  | 1.25774e+           | 24.40  |
| 06 | A4EG9          | 1.16323             | 17.17  | 1.10417e+           | 21.40  | 1.25835e+           | 24.40  |
| 07 | A4EH2          | 1.08905             | 17.17  | 1.04875e+           | 21.40  | 1.17483e+           | 24.40  |
| 08 | SBLK651        | 1.31682*            | 17.17  | 1.21935e+ *         | 21.40  | 1.3943e+0 *         | 24.40  |
| 09 | A4EK2          | 867282              | 17.17  | 831462              | 21.40  | 934504              | 24.40  |
| 10 | A4EK3          | 1.02431             | 17.17  | 964716              | 21.40  | 1.07315e+           | 24.40  |
| 11 | A4EH5          | 1.41037*            | 17.17  | 1.31947e+ *         | 21.40  | 1.50725e+ *         | 24.40  |
| 12 | A4EH8          | 1.52126*            | 17.17  | 1.41608e+ *         | 21.40  | 1.6122e+0 *         | 24.39  |
| 13 | A4EJ9          | 1.55804*            | 17.17  | 1.47722e+ *         | 21.40  | 1.67029e+ *         | 24.40  |
| 14 | A4EK0          | 1.7791e*            | 17.17  | 1.64129e+ *         | 21.40  | 1.89136e+ *         | 24.40  |
| 15 | A4ET8          | 1.62356*            | 17.17  | 1.52546e+ *         | 21.40  | 1.73664e+ *         | 24.40  |
| 16 | A4EW2          | 1.47289*            | 17.17  | 1.36861e+ *         | 21.40  | 1.54438e+ *         | 24.40  |
| 17 | A4EW7          | 1.54399*            | 17.17  | 1.42629e+ *         | 21.39  | 1.61872e+ *         | 24.40  |
| 18 | A4ET9          | 1.67342*            | 17.17  | 1.57209e+ *         | 21.40  | 1.77981e+ *         | 24.39  |
| 19 | A4EW0          | 1.42339*            | 17.17  | 1.32258e+ *         | 21.40  | 1.49867e+ *         | 24.39  |
| 20 | A4EW1          | 1.52487*            | 17.17  | 1.41591e+ *         | 21.39  | 1.6068e+0 *         | 24.39  |
| 21 | SLCS651        | 1.65843*            | 17.17  | 1.49219e+ *         | 21.40  | 1.7106e+0 *         | 24.40  |

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020022 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 04:17

Instrument ID: BNA\_M 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    | 619410              | 17.186 | 588645              | 21.409 | 637397              | 24.415 |
|    | UPPER LIMIT    | 1238820             | 17.686 | 1177290             | 21.909 | 1274794             | 24.915 |
|    | LOWER LIMIT    | 309705              | 16.686 | 294322.5            | 20.909 | 318698.5            | 23.915 |
|    | EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 22 | SBLK648        | 1.52453*            | 17.17  | 1.39759e+ *         | 21.39  | 1.58174e+ *         | 24.39  |
| 23 | A4EY2          | 1.58328*            | 17.17  | 1.49603e+ *         | 21.39  | 1.68444e+ *         | 24.39  |
| 24 | A4EW9          | 1.84167*            | 17.17  | 1.68866e+ *         | 21.39  | 1.91936e+ *         | 24.39  |
| 25 | A4EX0          | 2.00015*            | 17.17  | 1.87624e+ *         | 21.40  | 2.16959e+ *         | 24.40  |
| 26 | A4EX3          | 1.68936*            | 17.17  | 1.56798e+ *         | 21.39  | 1.75978e+ *         | 24.39  |
| 27 | A4EX4          | 1.7459e*            | 17.17  | 1.63419e+ *         | 21.39  | 1.85104e+ *         | 24.39  |
| 28 | A4EX5          | 1.60876*            | 17.17  | 1.47306e+ *         | 21.39  | 1.67008e+ *         | 24.39  |
| 29 | A4EX9          | 1.65906*            | 17.17  | 1.52243e+ *         | 21.39  | 1.72891e+ *         | 24.39  |
| 30 | A4EX2          | 1.83287*            | 17.17  | 1.65895e+ *         | 21.39  | 1.865e+00 *         | 24.39  |
| 31 | SBLK712        | 1.46758*            | 17.17  | 1.35093e+ *         | 21.40  | 1.50264e+ *         | 24.40  |
| 32 | A4ET9          | 1.59021*            | 17.17  | 1.46037e+ *         | 21.39  | 1.62824e+ *         | 24.40  |
| 33 | A4EN2          | 1.22948             | 17.17  | 1.1339e+0           | 21.39  | 1.2637e+0           | 24.39  |
| 34 | SBLK712        | 1.34458*            | 17.17  | 1.21782e+ *         | 21.39  | 1.39374e+ *         | 24.39  |
| 35 | A4EK8          | 1.04884             | 17.17  | 1.00986e+           | 21.39  | 1.13378e+           | 24.39  |
| 36 | A4EL1          | 1.09983             | 17.17  | 1.03473e+           | 21.39  | 1.16584e+           | 24.39  |
| 37 | A4EL2          | 1.07409             | 17.17  | 997307              | 21.39  | 1.12776e+           | 24.39  |
| 38 | A4EM4          | 1.05306             | 17.17  | 993084              | 21.39  | 1.10376e+           | 24.39  |
| 39 | A4EM2          | 1.1005e             | 17.17  | 1.02755e+           | 21.39  | 1.15105e+           | 24.39  |
| 40 | A4EL9          | 1.32604*            | 17.17  | 1.20537e+ *         | 21.39  | 1.37733e+ *         | 24.39  |
| 41 | A4EM5          | 1.04839             | 17.17  | 933177              | 21.39  | 1.03729e+           | 24.39  |
| 42 | A4EM8          | 1.08084             | 17.17  | 985648              | 21.39  | 1.10619e+           | 24.39  |

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020022 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 23:41

Instrument ID: BNA\_M 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    | 619410              | 17.186 | 588645              | 21.409 | 637397              | 24.415 |
| UPPER LIMIT    | 1238820             | 17.686 | 1177290             | 21.909 | 1274794             | 24.915 |
| LOWER LIMIT    | 309705              | 16.686 | 294322.5            | 20.909 | 318698.5            | 23.915 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 43 A4EL5       | 1.37682*            | 17.17  | 1.26719e+ *         | 21.39  | 1.45814e+ *         | 24.39  |
| 44 A4EL7       | 1.19564             | 17.17  | 1.11e+006           | 21.39  | 1.26616e+           | 24.39  |
| 45 A4EM9       | 1.2172e             | 17.17  | 1.09622e+           | 21.39  | 1.23411e+           | 24.39  |
| 46 A4EL6       | 1.22853             | 17.17  | 1.12909e+           | 21.39  | 1.26722e+           | 24.39  |
| 47 SLCS712     | 1.27479*            | 17.17  | 1.12824e+           | 21.39  | 1.23277e+           | 24.39  |
| 48 SBLK712     | 1.30812*            | 17.17  | 1.22196e+ *         | 21.39  | 1.39324e+ *         | 24.39  |
| 49 A4EM1       | 1.38485*            | 17.17  | 1.24388e+ *         | 21.39  | 1.42322e+ *         | 24.39  |
| 50 A4EK6       | 1.27387*            | 17.17  | 1.04266e+           | 21.40  | 1.20685e+           | 24.40  |
| 51 A4EM3       | 1.22237             | 17.17  | 1.07453e+           | 21.40  | 1.21887e+           | 24.40  |
| 52 A4EL8       | 1.42778*            | 17.17  | 1.2138e+0 *         | 21.40  | 1.41194e+ *         | 24.40  |
| 53 A4EM0       | 1.36847*            | 17.17  | 1.26123e+ *         | 21.40  | 1.43021e+ *         | 24.40  |
| 54 A4EK7       | 1.36485*            | 17.17  | 1.2518e+0 *         | 21.40  | 1.41082e+ *         | 24.40  |
| 55 SP6637      | 1.55364*            | 17.17  | 1.41652e+ *         | 21.40  | 1.57985e+ *         | 24.40  |

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.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020165 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BM047879.D Time Analyzed: 10:39

Instrument ID: BNA\_M 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    | 1.4253e+00          | 17.168 | 1.29835e+           | 21.397 | 1.47947e+00         | 24.397 |
| UPPER LIMIT    | 2850600             | 17.668 | 2596700             | 21.897 | 2958940             | 24.897 |
| LOWER LIMIT    | 712650              | 16.668 | 649175              | 20.897 | 739735              | 23.897 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 SBLK648     | 1.34662             | 17.17  | 1.30188e+           | 21.40  | 1.50796e+           | 24.40  |
| 02 A4E64       | 1.2237e             | 17.17  | 1.04399e+           | 21.41  | 1.2878e+0           | 24.40  |
| 03 A4E64DL     | 1.20182             | 17.17  | 1.11118e+           | 21.40  | 1.25619e+           | 24.40  |
| 04 A4E67       | 1.04822             | 17.17  | 918735              | 21.40  | 1.09364e+           | 24.40  |
| 05 A4E67DL     | 1.23413             | 17.17  | 1.13568e+           | 21.40  | 1.25774e+           | 24.40  |
| 06 A4EG9       | 1.16323             | 17.17  | 1.10417e+           | 21.40  | 1.25835e+           | 24.40  |
| 07 A4EH2       | 1.08905             | 17.17  | 1.04875e+           | 21.40  | 1.17483e+           | 24.40  |

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.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020166 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BM047887.D Time Analyzed: 17:46

Instrument ID: BNA\_M 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    | 1.19412e+01         | 17.168 | 1.12549e+           | 21.397 | 1.27266e+01         | 24.397 |
| UPPER LIMIT    | 2388240             | 17.668 | 2250980             | 21.897 | 2545320             | 24.897 |
| LOWER LIMIT    | 597060              | 16.668 | 562745              | 20.897 | 636330              | 23.897 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 SBLK651     | 1.31682             | 17.17  | 1.21935e+           | 21.40  | 1.3943e+0           | 24.40  |
| 02 A4EK2       | 867282              | 17.17  | 831462              | 21.40  | 934504              | 24.40  |
| 03 A4EK3       | 1.02431             | 17.17  | 964716              | 21.40  | 1.07315e+           | 24.40  |
| 04 A4EH5       | 1.41037             | 17.17  | 1.31947e+           | 21.40  | 1.50725e+           | 24.40  |
| 05 A4EH8       | 1.52126             | 17.17  | 1.41608e+           | 21.40  | 1.6122e+0           | 24.39  |
| 06 A4EJ9       | 1.55804             | 17.17  | 1.47722e+           | 21.40  | 1.67029e+           | 24.40  |
| 07 A4EK0       | 1.7791e             | 17.17  | 1.64129e+           | 21.40  | 1.89136e+           | 24.40  |
| 08 A4ET8       | 1.62356             | 17.17  | 1.52546e+           | 21.40  | 1.73664e+           | 24.40  |
| 09 A4EW2       | 1.47289             | 17.17  | 1.36861e+           | 21.40  | 1.54438e+           | 24.40  |
| 10 A4EW7       | 1.54399             | 17.17  | 1.42629e+           | 21.39  | 1.61872e+           | 24.40  |
| 11 A4ET9       | 1.67342             | 17.17  | 1.57209e+           | 21.40  | 1.77981e+           | 24.39  |
| 12 A4EW0       | 1.42339             | 17.17  | 1.32258e+           | 21.40  | 1.49867e+           | 24.39  |
| 13 A4EW1       | 1.52487             | 17.17  | 1.41591e+           | 21.39  | 1.6068e+0           | 24.39  |
| 14 SLCS651     | 1.65843             | 17.17  | 1.49219e+           | 21.40  | 1.7106e+0           | 24.40  |

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.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020167 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BM047902.D Time Analyzed: 04:17

Instrument ID: BNA\_M 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    | 1.50426e+01         | 17.168 | 1.36776e+           | 21.397 | 1.51502e+01         | 24.391 |
| UPPER LIMIT    | 3008520             | 17.668 | 2735520             | 21.897 | 3030040             | 24.891 |
| LOWER LIMIT    | 752130              | 16.668 | 683880              | 20.897 | 757510              | 23.891 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 SBLK648     | 1.52453             | 17.17  | 1.39759e+           | 21.39  | 1.58174e+           | 24.39  |
| 02 A4EY2       | 1.58328             | 17.17  | 1.49603e+           | 21.39  | 1.68444e+           | 24.39  |
| 03 A4EW9       | 1.84167             | 17.17  | 1.68866e+           | 21.39  | 1.91936e+           | 24.39  |
| 04 A4EX0       | 2.00015             | 17.17  | 1.87624e+           | 21.40  | 2.16959e+           | 24.40  |
| 05 A4EX3       | 1.68936             | 17.17  | 1.56798e+           | 21.39  | 1.75978e+           | 24.39  |
| 06 A4EX4       | 1.7459e             | 17.17  | 1.63419e+           | 21.39  | 1.85104e+           | 24.39  |
| 07 A4EX5       | 1.60876             | 17.17  | 1.47306e+           | 21.39  | 1.67008e+           | 24.39  |
| 08 A4EX9       | 1.65906             | 17.17  | 1.52243e+           | 21.39  | 1.72891e+           | 24.39  |
| 09 A4EX2       | 1.83287             | 17.17  | 1.65895e+           | 21.39  | 1.865e+00           | 24.39  |

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.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020168 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BM047912.D Time Analyzed: 14:29

Instrument ID: BNA\_M 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    | 1.42357e+0          | 17.168 | 1.29706e+           | 21.398 | 1.436e+006          | 24.391 |
| UPPER LIMIT    | 2847140             | 17.668 | 2594120             | 21.898 | 2872000             | 24.891 |
| LOWER LIMIT    | 711785              | 16.668 | 648530              | 20.898 | 718000              | 23.891 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 SBLK712     | 1.46758             | 17.17  | 1.35093e+           | 21.40  | 1.50264e+           | 24.40  |
| 02 A4ET9       | 1.59021             | 17.17  | 1.46037e+           | 21.39  | 1.62824e+           | 24.40  |
| 03 A4EN2       | 1.22948             | 17.17  | 1.1339e+0           | 21.39  | 1.2637e+0           | 24.39  |

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.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020169 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BM047916.D Time Analyzed: 17:46

Instrument ID: BNA\_M 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    | 1.29967e+01         | 17.168 | 1.15888e+           | 21.397 | 1.27957e+01         | 24.391 |
| UPPER LIMIT    | 2599340             | 17.668 | 2317760             | 21.897 | 2559140             | 24.891 |
| LOWER LIMIT    | 649835              | 16.668 | 579440              | 20.897 | 639785              | 23.891 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 SBLK712     | 1.34458             | 17.17  | 1.21782e+           | 21.39  | 1.39374e+           | 24.39  |
| 02 A4EK8       | 1.04884             | 17.17  | 1.00986e+           | 21.39  | 1.13378e+           | 24.39  |
| 03 A4EL1       | 1.09983             | 17.17  | 1.03473e+           | 21.39  | 1.16584e+           | 24.39  |
| 04 A4EL2       | 1.07409             | 17.17  | 997307              | 21.39  | 1.12776e+           | 24.39  |
| 05 A4EM4       | 1.05306             | 17.17  | 993084              | 21.39  | 1.10376e+           | 24.39  |
| 06 A4EM2       | 1.1005e             | 17.17  | 1.02755e+           | 21.39  | 1.15105e+           | 24.39  |
| 07 A4EL9       | 1.32604             | 17.17  | 1.20537e+           | 21.39  | 1.37733e+           | 24.39  |
| 08 A4EM5       | 1.04839             | 17.17  | 933177              | 21.39  | 1.03729e+           | 24.39  |
| 09 A4EM8       | 1.08084             | 17.17  | 985648              | 21.39  | 1.10619e+           | 24.39  |
| 10 A4EL5       | 1.37682             | 17.17  | 1.26719e+           | 21.39  | 1.45814e+           | 24.39  |
| 11 A4EL7       | 1.19564             | 17.17  | 1.11e+006           | 21.39  | 1.26616e+           | 24.39  |
| 12 A4EM9       | 1.2172e             | 17.17  | 1.09622e+           | 21.39  | 1.23411e+           | 24.39  |
| 13 A4EL6       | 1.22853             | 17.17  | 1.12909e+           | 21.39  | 1.26722e+           | 24.39  |
| 14 SLCS712     | 1.27479             | 17.17  | 1.12824e+           | 21.39  | 1.23277e+           | 24.39  |

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.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020170 Date Analyzed: Oct 9 2024 12:00AM

Lab File ID: BM047931.D Time Analyzed: 04:17

Instrument ID: BNA\_M 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    | 1.47408e+01         | 17.168 | 1.29914e+           | 21.392 | 1.42001e+01         | 24.391 |
| UPPER LIMIT    | 2948160             | 17.668 | 2598280             | 21.892 | 2840020             | 24.891 |
| LOWER LIMIT    | 737040              | 16.668 | 649570              | 20.892 | 710005              | 23.891 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 SBLK712     | 1.30812             | 17.17  | 1.22196e+           | 21.39  | 1.39324e+           | 24.39  |
| 02 A4EM1       | 1.38485             | 17.17  | 1.24388e+           | 21.39  | 1.42322e+           | 24.39  |
| 03 A4EK6       | 1.27387             | 17.17  | 1.04266e+           | 21.40  | 1.20685e+           | 24.40  |
| 04 A4EM3       | 1.22237             | 17.17  | 1.07453e+           | 21.40  | 1.21887e+           | 24.40  |
| 05 A4EL8       | 1.42778             | 17.17  | 1.2138e+0           | 21.40  | 1.41194e+           | 24.40  |
| 06 A4EM0       | 1.36847             | 17.17  | 1.26123e+           | 21.40  | 1.43021e+           | 24.40  |
| 07 A4EK7       | 1.36485             | 17.17  | 1.2518e+0           | 21.40  | 1.41082e+           | 24.40  |
| 08 SP6637      | 1.55364             | 17.17  | 1.41652e+           | 21.40  | 1.57985e+           | 24.40  |

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.: BM100724

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                             |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB163651BS    | 1,4-Dioxane                 | 530   | 240    | ug/Kg | 45  |     |      |      | 0   | 0      |  |     |
|               | Benzaldehyde                | 1300  | 670    | ug/Kg | 52  |     |      |      | 0   | 0      |  |     |
|               | Pyridine                    | 1300  | 590    | ug/Kg | 45  |     |      |      | 0   | 0      |  |     |
|               | Phenol                      | 1300  | 700    | ug/Kg | 54  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethyl)ether     | 1300  | 670    | ug/Kg | 52  |     |      |      | 0   | 0      |  |     |
|               | 2-Chlorophenol              | 1300  | 780    | ug/Kg | 60  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylphenol              | 1300  | 730    | ug/Kg | 56  |     |      |      | 0   | 0      |  |     |
|               | 2,2-oxybis(1-Chloropropane) | 1300  | 530    | ug/Kg | 41  |     |      |      | 0   | 0      |  |     |
|               | Acetophenone                | 1300  | 700    | ug/Kg | 54  |     |      |      | 0   | 0      |  |     |
|               | 4-Methylphenol              | 1300  | 730    | ug/Kg | 56  |     |      |      | 0   | 0      |  |     |
|               | N-Nitroso-di-n-propylamine  | 1300  | 650    | ug/Kg | 50  |     |      |      | 0   | 0      |  |     |
|               | Hexachloroethane            | 1300  | 730    | ug/Kg | 56  |     |      |      | 0   | 0      |  |     |
|               | Nitrobenzene                | 1300  | 660    | ug/Kg | 51  |     |      |      | 0   | 0      |  |     |
|               | Isophorone                  | 1300  | 700    | ug/Kg | 54  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitrophenol               | 1300  | 880    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dimethylphenol          | 1300  | 610    | ug/Kg | 47  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethoxy)methane  | 1300  | 700    | ug/Kg | 54  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dichlorophenol          | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | Naphthalene                 | 1300  | 750    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloroaniline             | 1300  | 620    | ug/Kg | 48  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobutadiene         | 1300  | 800    | ug/Kg | 62  |     |      |      | 0   | 0      |  |     |
|               | Caprolactam                 | 1300  | 820    | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloro-3-methylphenol     | 1300  | 810    | ug/Kg | 62  |     |      |      | 0   | 0      |  |     |
|               | 1-Methylnaphthalene         | 1300  | 770    | ug/Kg | 59  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylnaphthalene         | 1300  | 790    | ug/Kg | 61  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorocyclopentadiene   | 1300  | 540    | ug/Kg | 42  |     |      |      | 0   | 0      |  |     |
|               | 2,4,6-Trichlorophenol       | 1300  | 850    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | 2,4,5-Trichlorophenol       | 1300  | 840    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | 1,1'-Biphenyl               | 1300  | 750    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | 2-Chloronaphthalene         | 1300  | 760    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitroaniline              | 1300  | 690    | ug/Kg | 53  |     |      |      | 0   | 0      |  |     |
|               | Dimethylphthalate           | 1300  | 770    | ug/Kg | 59  |     |      |      | 0   | 0      |  |     |
|               | 2,6-Dinitrotoluene          | 1300  | 880    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthylene              | 1300  | 770    | ug/Kg | 59  |     |      |      | 0   | 0      |  |     |
|               | 3-Nitroaniline              | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthene                | 1300  | 730    | ug/Kg | 56  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrophenol           | 1300  | 730    | ug/Kg | 56  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitrophenol               | 1300  | 700    | ug/Kg | 54  |     |      |      | 0   | 0      |  |     |
|               | Dibenzofuran                | 1300  | 750    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrotoluene          | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | Diethylphthalate            | 1300  | 770    | ug/Kg | 59  |     |      |      | 0   | 0      |  |     |
|               | Fluorene                    | 1300  | 720    | ug/Kg | 55  |     |      |      | 0   | 0      |  |     |
|               | 4-Chlorophenyl-phenylether  | 1300  | 750    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitroaniline              | 1300  | 910    | ug/Kg | 70  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB163651BS    | 4,6-Dinitro-2-methylphenol | 1300  | 750    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | N-Nitrosodiphenylamine     | 1300  | 760    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 1300  | 760    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | 4-Bromophenyl-phenylether  | 1300  | 820    | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobenzene          | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | Atrazine                   | 1300  | 620    | ug/Kg | 48  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorophenol          | 1300  | 810    | ug/Kg | 62  |     |      |      | 0   | 0      |  |     |
|               | Phenanthrene               | 1300  | 750    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorobenzene         | 1300  | 730    | ug/Kg | 56  |     |      |      | 0   | 0      |  |     |
|               | Anthracene                 | 1300  | 740    | ug/Kg | 57  |     |      |      | 0   | 0      |  |     |
|               | 1,2,3,4-Tetrachlorobenzene | 1300  | 740    | ug/Kg | 57  |     |      |      | 0   | 0      |  |     |
|               | Carbazole                  | 1300  | 760    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | Di-n-butylphthalate        | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | Fluoranthene               | 1300  | 840    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Pyrene                     | 1300  | 800    | ug/Kg | 62  |     |      |      | 0   | 0      |  |     |
|               | Butylbenzylphthalate       | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | 3,3'-Dichlorobenzidine     | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)anthracene         | 1300  | 810    | ug/Kg | 62  |     |      |      | 0   | 0      |  |     |
|               | Chrysene                   | 1300  | 780    | ug/Kg | 60  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-ethylhexyl)phthalate | 1300  | 940    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | Di-n-octylphthalate        | 1300  | 880    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | Benzo(b)fluoranthene       | 1300  | 790    | ug/Kg | 61  |     |      |      | 0   | 0      |  |     |
|               | Benzo(k)fluoranthene       | 1300  | 760    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)pyrene             | 1300  | 750    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 1300  | 770    | ug/Kg | 59  |     |      |      | 0   | 0      |  |     |
|               | Dibenzo(a,h)anthracene     | 1300  | 770    | ug/Kg | 59  |     |      |      | 0   | 0      |  |     |
|               | Benzo(g,h,i)perylene       | 1300  | 770    | ug/Kg | 59  |     |      |      | 0   | 0      |  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 1300  | 870    | ug/Kg | 67  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                             |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB163712BS    | 1,4-Dioxane                 | 530   | 270    | ug/Kg | 51  |     |      |      | 0   | 0      |  |     |
|               | Benzaldehyde                | 1300  | 790    | ug/Kg | 61  |     |      |      | 0   | 0      |  |     |
|               | Pyridine                    | 1300  | 690    | ug/Kg | 53  |     |      |      | 0   | 0      |  |     |
|               | Phenol                      | 1300  | 820    | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethyl)ether     | 1300  | 800    | ug/Kg | 62  |     |      |      | 0   | 0      |  |     |
|               | 2-Chlorophenol              | 1300  | 940    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylphenol              | 1300  | 880    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 2,2-oxybis(1-Chloropropane) | 1300  | 630    | ug/Kg | 48  |     |      |      | 0   | 0      |  |     |
|               | Acetophenone                | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | 4-Methylphenol              | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | N-Nitroso-di-n-propylamine  | 1300  | 780    | ug/Kg | 60  |     |      |      | 0   | 0      |  |     |
|               | Hexachloroethane            | 1300  | 850    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Nitrobenzene                | 1300  | 790    | ug/Kg | 61  |     |      |      | 0   | 0      |  |     |
|               | Isophorone                  | 1300  | 840    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitrophenol               | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dimethylphenol          | 1300  | 800    | ug/Kg | 62  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethoxy)methane  | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dichlorophenol          | 1300  | 990    | ug/Kg | 76  |     |      |      | 0   | 0      |  |     |
|               | Naphthalene                 | 1300  | 890    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloroaniline             | 1300  | 730    | ug/Kg | 56  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobutadiene         | 1300  | 940    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | Caprolactam                 | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloro-3-methylphenol     | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | 1-Methylnaphthalene         | 1300  | 920    | ug/Kg | 71  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylnaphthalene         | 1300  | 940    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorocyclopentadiene   | 1300  | 640    | ug/Kg | 49  |     |      |      | 0   | 0      |  |     |
|               | 2,4,6-Trichlorophenol       | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 2,4,5-Trichlorophenol       | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 1,1'-Biphenyl               | 1300  | 900    | ug/Kg | 69  |     |      |      | 0   | 0      |  |     |
|               | 2-Chloronaphthalene         | 1300  | 910    | ug/Kg | 70  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitroaniline              | 1300  | 810    | ug/Kg | 62  |     |      |      | 0   | 0      |  |     |
|               | Dimethylphthalate           | 1300  | 930    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | 2,6-Dinitrotoluene          | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthylene              | 1300  | 920    | ug/Kg | 71  |     |      |      | 0   | 0      |  |     |
|               | 3-Nitroaniline              | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthene                | 1300  | 880    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrophenol           | 1300  | 840    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitrophenol               | 1300  | 820    | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | Dibenzofuran                | 1300  | 910    | ug/Kg | 70  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrotoluene          | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Diethylphthalate            | 1300  | 930    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | Fluorene                    | 1300  | 870    | ug/Kg | 67  |     |      |      | 0   | 0      |  |     |
|               | 4-Chlorophenyl-phenylether  | 1300  | 910    | ug/Kg | 70  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitroaniline              | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit  | Rec | RPD | RPD  |      | Limits |      | RPD |
|---------------|----------------------------|-------|--------|-------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |       |     |     | Qual | Qual | Low    | High |     |
| PB163712BS    | 4,6-Dinitro-2-methylphenol | 1300  | 880    | ug/Kg | 68  |     |      |      | 0      | 0    |     |
|               | N-Nitrosodiphenylamine     | 1300  | 910    | ug/Kg | 70  |     |      |      | 0      | 0    |     |
|               | 1,2,4,5-Tetrachlorobenzene | 1300  | 920    | ug/Kg | 71  |     |      |      | 0      | 0    |     |
|               | 4-Bromophenyl-phenylether  | 1300  | 990    | ug/Kg | 76  |     |      |      | 0      | 0    |     |
|               | Hexachlorobenzene          | 1300  | 980    | ug/Kg | 75  |     |      |      | 0      | 0    |     |
|               | Atrazine                   | 1300  | 720    | ug/Kg | 55  |     |      |      | 0      | 0    |     |
|               | Pentachlorophenol          | 1300  | 940    | ug/Kg | 72  |     |      |      | 0      | 0    |     |
|               | Phenanthrene               | 1300  | 890    | ug/Kg | 68  |     |      |      | 0      | 0    |     |
|               | Pentachlorobenzene         | 1300  | 870    | ug/Kg | 67  |     |      |      | 0      | 0    |     |
|               | Anthracene                 | 1300  | 890    | ug/Kg | 68  |     |      |      | 0      | 0    |     |
|               | 1,2,3,4-Tetrachlorobenzene | 1300  | 880    | ug/Kg | 68  |     |      |      | 0      | 0    |     |
|               | Carbazole                  | 1300  | 910    | ug/Kg | 70  |     |      |      | 0      | 0    |     |
|               | Di-n-butylphthalate        | 1300  | 980    | ug/Kg | 75  |     |      |      | 0      | 0    |     |
|               | Fluoranthene               | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0      | 0    |     |
|               | Pyrene                     | 1300  | 970    | ug/Kg | 75  |     |      |      | 0      | 0    |     |
|               | Butylbenzylphthalate       | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0      | 0    |     |
|               | 3,3'-Dichlorobenzidine     | 1300  | 990    | ug/Kg | 76  |     |      |      | 0      | 0    |     |
|               | Benzo(a)anthracene         | 1300  | 960    | ug/Kg | 74  |     |      |      | 0      | 0    |     |
|               | Chrysene                   | 1300  | 920    | ug/Kg | 71  |     |      |      | 0      | 0    |     |
|               | Bis(2-ethylhexyl)phthalate | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0      | 0    |     |
|               | Di-n-octylphthalate        | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0      | 0    |     |
|               | Benzo(b)fluoranthene       | 1300  | 980    | ug/Kg | 75  |     |      |      | 0      | 0    |     |
|               | Benzo(k)fluoranthene       | 1300  | 930    | ug/Kg | 72  |     |      |      | 0      | 0    |     |
|               | Benzo(a)pyrene             | 1300  | 920    | ug/Kg | 71  |     |      |      | 0      | 0    |     |
|               | Indeno(1,2,3-cd)pyrene     | 1300  | 930    | ug/Kg | 72  |     |      |      | 0      | 0    |     |
|               | Dibenzo(a,h)anthracene     | 1300  | 930    | ug/Kg | 72  |     |      |      | 0      | 0    |     |
|               | Benzo(g,h,i)perylene       | 1300  | 930    | ug/Kg | 72  |     |      |      | 0      | 0    |     |
|               | 2,3,4,6-Tetrachlorophenol  | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0      | 0    |     |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP6637

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BM100724

SAS No.: BM100724 SDG NO.: BM100724

Lab File ID: BM047939.D

Lab Sample ID: SP6637

Instrument ID: BNA\_M

Date Extracted: \_\_\_\_\_

Matrix: (soil/water) Water

Date Analyzed: 10/09/2024

Level: (low/med) LOW

Time Analyzed: 08:53

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 |
|-------------------|------------------|----------------|------------------|
| SP6637            | SP6637           | BM047939.D     | 10/09/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4EK2

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BM100724

SAS No.: BM100724 SDG NO.: BM100724

Lab File ID: BM047889.D

Lab Sample ID: P4083-07

Instrument ID: BNA\_M

Date Extracted: 09/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/07/2024

Level: (low/med) LOW

Time Analyzed: 18:25

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 |
|-------------------|------------------|----------------|------------------|
| A4EK2             | P4083-07         | BM047889.D     | 10/07/2024       |
| A4EK3             | P4083-08         | BM047890.D     | 10/07/2024       |
| A4EG9             | P4083-16         | BM047885.D     | 10/07/2024       |
| A4EH2             | P4083-19         | BM047886.D     | 10/07/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK648

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BM100724

SAS No.: BM100724 SDG NO.: BM100724

Lab File ID: BM047880.D

Lab Sample ID: PB163648BL

Instrument ID: BNA\_M

Date Extracted: 09/24/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/07/2024

Level: (low/med) LOW

Time Analyzed: 10:39

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 |
|-------------------|------------------|----------------|------------------|
| A4EH5             | P4109-02         | BM047891.D     | 10/07/2024       |
| A4EH8             | P4109-05         | BM047892.D     | 10/07/2024       |
| A4EJ9             | P4109-07         | BM047893.D     | 10/07/2024       |
| A4EK0             | P4109-08         | BM047894.D     | 10/07/2024       |
| A4ET8             | P4109-16         | BM047895.D     | 10/07/2024       |
| A4EW2             | P4109-20         | BM047896.D     | 10/07/2024       |
| A4EW7             | P4109-22         | BM047897.D     | 10/07/2024       |
| A4ET9             | P4109-17         | BM047898.D     | 10/08/2024       |
| A4EW0             | P4109-18         | BM047899.D     | 10/08/2024       |
| A4EW1             | P4109-19         | BM047900.D     | 10/08/2024       |
| A4E64             | P4109-13         | BM047881.D     | 10/07/2024       |
| A4ET9             | P4109-17         | BM047914.D     | 10/08/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK651

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BM100724

SAS No.: BM100724 SDG NO.: BM100724

Lab File ID: BM047888.D

Lab Sample ID: PB163651BL

Instrument ID: BNA\_M

Date Extracted: 09/24/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/07/2024

Level: (low/med) LOW

Time Analyzed: 17:46

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 |
|-------------------|------------------|----------------|------------------|
| A4E67             | P4131-21         | BM047883.D     | 10/07/2024       |
| PB163651BS        | PB163651BS       | BM047901.D     | 10/08/2024       |
| A4EY2             | P4131-02         | BM047904.D     | 10/08/2024       |
| A4EW9             | P4131-08         | BM047905.D     | 10/08/2024       |
| A4EX0             | P4131-09         | BM047906.D     | 10/08/2024       |
| A4EX3             | P4131-10         | BM047907.D     | 10/08/2024       |
| A4EX4             | P4131-11         | BM047908.D     | 10/08/2024       |
| A4EX5             | P4131-12         | BM047909.D     | 10/08/2024       |
| A4EX9             | P4131-14         | BM047910.D     | 10/08/2024       |
| A4EX2             | P4131-01         | BM047911.D     | 10/08/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK712

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BM100724

SAS No.: BM100724 SDG NO.: BM100724

Lab File ID: BM047913.D

Lab Sample ID: PB163712BL

Instrument ID: BNA\_M

Date Extracted: 09/26/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/08/2024

Level: (low/med) LOW

Time Analyzed: 14:29

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 |
|-------------------|------------------|----------------|------------------|
| A4EK8             | P4183-03         | BM047918.D     | 10/08/2024       |
| A4EL1             | P4183-10         | BM047919.D     | 10/08/2024       |
| A4EL2             | P4183-11         | BM047920.D     | 10/08/2024       |
| A4EM4             | P4183-18         | BM047921.D     | 10/08/2024       |
| A4EM2             | P4183-06         | BM047922.D     | 10/08/2024       |
| A4EL9             | P4183-16         | BM047923.D     | 10/08/2024       |
| A4EM5             | P4183-19         | BM047924.D     | 10/08/2024       |
| A4EM8             | P4183-20         | BM047925.D     | 10/08/2024       |
| A4EL5             | P4183-12         | BM047926.D     | 10/08/2024       |
| A4EL7             | P4183-14         | BM047927.D     | 10/09/2024       |
| A4EM9             | P4183-21         | BM047928.D     | 10/09/2024       |
| A4EL6             | P4183-13         | BM047929.D     | 10/09/2024       |
| PB163712BS        | PB163712BS       | BM047930.D     | 10/09/2024       |
| A4EM1             | P4183-05         | BM047933.D     | 10/09/2024       |
| A4EK6             | P4183-01         | BM047934.D     | 10/09/2024       |
| A4EM3             | P4183-17         | BM047935.D     | 10/09/2024       |
| A4EL8             | P4183-15         | BM047936.D     | 10/09/2024       |
| A4EM0             | P4183-04         | BM047937.D     | 10/09/2024       |
| A4EK7             | P4183-02         | BM047938.D     | 10/09/2024       |
| A4EN2             | P4183-22         | BM047915.D     | 10/08/2024       |

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

## Surrogate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| SP6637        | SP6637    | BM047939.D | 1,4-Dioxane-d8                | 8              | 11,492.00       | 143650       | *    | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 58,375.00       | 145938       | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 64,041.00       | 160103       | *    | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 54,329.00       | 135822       | *    | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 74,377.00       | 185943       | *    | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 69,269.00       | 173172       | *    | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 78,198.00       | 195495       | *    | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 90,390.00       | 225975       | *    | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 75,557.00       | 188893       | *    | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 72,149.00       | 180372       | *    | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 68,695.00       | 171738       | *    | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 71,033.00       | 177582       | *    | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 69,686.00       | 174215       | *    | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 69,859.00       | 174647       | *    | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 61,004.00       | 152510       | *    | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 68,448.00       | 171120       | *    | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 72,620.00       | 181550       | *    | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 71,449.00       | 178622       | *    | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4083-07      | A4EK2     | BM047889.D | 1,4-Dioxane-d8                | 8              | 0.72            | 9            | *    | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.92            | 2            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 8.96            | 22           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 10.02           | 25           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 11.83           | 30           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 7.99            | 20           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 13.10           | 33           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 14.18           | 35           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 12.69           | 32           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 9.16            | 23           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 14.45           | 36           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 14.24           | 36           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 5.71            | 14           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 15.13           | 38           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 7.02            | 18           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 13.75           | 34           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 14.10           | 35           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 11.81           | 30           |      | 10         | 140  |
| P4083-08      | A4EK3     | BM047890.D | 1,4-Dioxane-d8                | 8              | 1.25            | 16           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 10.70           | 27           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 10.87           | 27           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 13.09           | 33           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 7.86            | 20           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 14.30           | 36           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 15.88           | 40           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 14.54           | 36           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 6.80            | 17           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 15.57           | 39           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 15.18           | 38           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 9.59            | 24           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 16.25           | 41           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 8.20            | 20           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 14.47           | 36           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 14.69           | 37           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 11.81           | 30           |      | 10         | 140  |
| P4083-16      | A4EG9     | BM047885.D | 1,4-Dioxane-d8                | 8              | 1.00            | 13           | *    | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.89            | 2            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 6.03            | 15           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 6.02            | 15           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 7.44            | 19           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 4.04            | 10           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 7.96            | 20           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 8.22            | 21           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 8.51            | 21           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 2.30            | 6            |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 9.46            | 24           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 9.09            | 23           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 4.18            | 10           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4083-16      | A4EG9     | BM047885.D | Fluorene-d10                  | 40             | 10.08           | 25           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 4.33            | 11           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 9.24            | 23           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 8.38            | 21           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 5.41            | 14           |      | 10         | 140  |
| P4083-19      | A4EH2     | BM047886.D | 1,4-Dioxane-d8                | 8              | 1.06            | 13           | *    | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 9.25            | 23           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 8.85            | 22           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 11.15           | 28           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 7.74            | 19           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 11.60           | 29           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 12.79           | 32           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 12.33           | 31           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 6.18            | 15           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 12.73           | 32           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 12.40           | 31           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 7.79            | 19           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 13.22           | 33           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 6.79            | 17           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 12.58           | 31           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 12.25           | 31           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 9.86            | 25           |      | 10         | 140  |

## Surrogate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4109-02      | A4EH5     | BM047891.D | 1,4-Dioxane-d8                | 8              | 3.22            | 40           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 14.56           | 36           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 18.72           | 47           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 15.91           | 40           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 21.47           | 54           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 20.50           | 51           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 21.60           | 54           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 25.06           | 63           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 23.70           | 59           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 19.21           | 48           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 23.52           | 59           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 23.55           | 59           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 17.52           | 44           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 24.90           | 62           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 13.94           | 35           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 23.72           | 59           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 26.34           | 66           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 25.19           | 63           |      | 10         | 140  |
| P4109-05      | A4EH8     | BM047892.D | 1,4-Dioxane-d8                | 8              | 2.51            | 31           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 12.44           | 31           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 15.31           | 38           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 12.81           | 32           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 17.70           | 44           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 16.78           | 42           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 17.81           | 45           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 19.96           | 50           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 19.11           | 48           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 16.94           | 42           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 19.82           | 50           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 19.46           | 49           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 15.03           | 38           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 20.74           | 52           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 12.06           | 30           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 20.21           | 51           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 22.65           | 57           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 21.66           | 54           |      | 10         | 140  |
| P4109-07      | A4EJ9     | BM047893.D | 1,4-Dioxane-d8                | 8              | 1.65            | 21           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.92            | 2            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 9.18            | 23           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 7.98            | 20           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 10.83           | 27           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 9.32            | 23           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 10.42           | 26           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 11.63           | 29           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 11.39           | 28           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 8.19            | 20           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 11.04           | 28           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 10.66           | 27           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 7.31            | 18           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4109-07      | A4EJ9     | BM047893.D | Fluorene-d10                  | 40             | 11.42           | 29           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 5.63            | 14           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 10.69           | 27           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 10.09           | 25           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 6.91            | 17           |      | 10         | 140  |
| P4109-08      | A4EK0     | BM047894.D | 1,4-Dioxane-d8                | 8              | 2.99            | 37           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 14.57           | 36           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 18.97           | 47           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 15.88           | 40           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 21.47           | 54           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 21.36           | 53           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 22.33           | 56           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 25.37           | 63           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 24.22           | 61           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 21.23           | 53           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 24.85           | 62           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 24.55           | 61           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 19.24           | 48           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 25.93           | 65           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 14.86           | 37           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 24.96           | 62           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 28.45           | 71           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 27.11           | 68           |      | 10         | 140  |
| P4109-13      | A4E64     | BM047881.D | 1,4-Dioxane-d8                | 8              | 2.64            | 33           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.53            | 1            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 22.07           | 55           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 18.13           | 45           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 24.73           | 62           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 24.55           | 61           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 25.63           | 64           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 29.19           | 73           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 34.73           | 87           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 20.95           | 52           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 31.08           | 78           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 30.37           | 76           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 28.11           | 70           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 31.47           | 79           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 21.45           | 54           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 31.45           | 79           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 36.76           | 92           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 32.78           | 82           |      | 10         | 140  |
| P4109-13DL    | A4E64DL   | BM047882.D | 1,4-Dioxane-d8                | 8              | 3.12            | 39           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 21.12           | 53           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 18.13           | 45           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 24.04           | 60           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 23.11           | 58           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 24.13           | 60           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 25.96           | 65           |      | 10         | 120  |

## Surrogate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4109-13DL    | A4E64DL   | BM047882.D | 2,4-Dichlorophenol-d3         | 40             | 32.88           | 82           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 19.76           | 49           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 29.85           | 75           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 29.11           | 73           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 21.99           | 55           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 31.19           | 78           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 14.20           | 35           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 30.71           | 77           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 33.22           | 83           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 31.49           | 79           |      | 10         | 140  |
| P4109-16      | A4ET8     | BM047895.D | 1,4-Dioxane-d8                | 8              | 2.34            | 29           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 11.10           | 28           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 13.43           | 34           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 11.34           | 28           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 15.43           | 39           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 14.86           | 37           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 15.27           | 38           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 17.29           | 43           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 16.61           | 42           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 15.09           | 38           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 17.24           | 43           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 17.03           | 43           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 12.39           | 31           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 18.09           | 45           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 9.44            | 24           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 17.53           | 44           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 19.64           | 49           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 19.01           | 48           |      | 10         | 140  |
|               |           | BM047898.D | 1,4-Dioxane-d8                | 8              | 0.77            | 10           | *    | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
| P4109-17      | A4ET9     | BM047914.D | 1,4-Dioxane-d8                | 8              | 0.83            | 10           | *    | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.56            | 1            | *    | 20         | 120  |
|               |           | BM047898.D | Phenol-d5                     | 40             | 9.10            | 23           |      | 10         | 130  |
|               |           |            | Phenol-d5                     | 40             | 4.89            | 12           |      | 10         | 130  |
|               |           | BM047914.D | Bis(2-Chloroethyl)ether-d8    | 40             | 4.12            | 10           |      | 10         | 150  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 8.00            | 20           |      | 10         | 150  |
|               |           | BM047898.D | 2-Chlorophenol-d4             | 40             | 10.29           | 26           |      | 15         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 5.60            | 14           | *    | 15         | 120  |
|               |           | BM047914.D | 4-Methylphenol-d8             | 40             | 4.35            | 11           |      | 10         | 140  |
|               |           |            | 4-Methylphenol-d8             | 40             | 8.74            | 22           |      | 10         | 140  |
|               |           | BM047898.D | Nitrobenzene-d5               | 40             | 9.97            | 25           |      | 10         | 135  |
|               |           |            | Nitrobenzene-d5               | 40             | 5.19            | 13           |      | 10         | 135  |
|               |           | BM047914.D | 2-Nitrophenol-d4              | 40             | 5.60            | 14           |      | 10         | 120  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 10.92           | 27           |      | 10         | 120  |
|               |           | BM047898.D | 2,4-Dichlorophenol-d3         | 40             | 10.81           | 27           |      | 10         | 140  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 5.88            | 15           |      | 10         | 140  |
|               |           | BM047914.D | 4-Chloroaniline-d4            | 40             | 2.96            | 7            |      | 1          | 145  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 7.18            | 18           |      | 1          | 145  |
|               |           | BM047914.D | Dimethylphthalate-d6          | 40             | 10.91           | 27           |      | 10         | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 10.91           | 27           |      | 10         | 145  |

## Surrogate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4109-17      | A4ET9     | BM047898.D | Dimethylphthalate-d6          | 40             | 6.17            | 15           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 5.77            | 14           | *    | 15         | 120  |
|               |           | BM047914.D | Acenaphthylene-d8             | 40             | 10.54           | 26           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 6.52            | 16           |      | 10         | 150  |
|               |           | BM047898.D | 4-Nitrophenol-d4              | 40             | 3.26            | 8            | *    | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 6.42            | 16           | *    | 20         | 140  |
|               |           | BM047914.D | Fluorene-d10                  | 40             | 11.33           | 28           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 5.55            | 14           |      | 10         | 130  |
|               |           | BM047898.D | 4,6-Dinitro-2-methylphenol-d2 | 40             | 2.45            | 6            | *    | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 5.95            | 15           |      | 10         | 150  |
|               |           | BM047914.D | Anthracene-d10                | 40             | 10.58           | 26           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 10.46           | 26           |      | 10         | 130  |
|               |           | BM047898.D | Pyrene-d10                    | 40             | 5.39            | 13           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 3.65            | 9            | *    | 10         | 140  |
|               |           | BM047914.D | Benzo(a)pyrene-d12            | 40             | 8.45            | 21           |      | 10         | 140  |
| P4109-18      | A4EW0     | BM047899.D | 1,4-Dioxane-d8                | 8              | 2.77            | 35           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 13.69           | 34           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 18.45           | 46           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 15.38           | 38           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 20.54           | 51           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 21.03           | 53           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 21.90           | 55           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 24.83           | 62           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 23.55           | 59           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 21.32           | 53           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 25.07           | 63           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 24.62           | 62           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 18.80           | 47           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 25.99           | 65           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 13.70           | 34           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 24.91           | 62           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 27.88           | 70           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 26.97           | 67           |      | 10         | 140  |
| P4109-19      | A4EW1     | BM047900.D | 1,4-Dioxane-d8                | 8              | 1.05            | 13           | *    | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.59            | 1            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 5.68            | 14           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 5.10            | 13           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 6.75            | 17           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 5.10            | 13           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 6.38            | 16           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 6.87            | 17           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 6.96            | 17           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 2.20            | 5            |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 6.97            | 17           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 6.85            | 17           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 3.69            | 9            | *    | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 7.37            | 18           | *    | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 2.67            | 7            | *    | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 6.80            | 17           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P4109-19      | A4EW1      | BM047900.D | Pyrene-d10                    | 40             | 6.31            | 16           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 4.07            | 10           |      | 10         | 140  |
| P4109-20      | A4EW2      | BM047896.D | 1,4-Dioxane-d8                | 8              | 2.36            | 30           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 10.32           | 26           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 14.41           | 36           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 12.52           | 31           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 16.93           | 42           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 16.27           | 41           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 16.76           | 42           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 19.31           | 48           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 18.52           | 46           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 14.11           | 35           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 19.40           | 48           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 18.69           | 47           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 13.10           | 33           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 20.08           | 50           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 10.87           | 27           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 19.26           | 48           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 21.58           | 54           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 20.93           | 52           |      | 10         | 140  |
| P4109-22      | A4EW7      | BM047897.D | 1,4-Dioxane-d8                | 8              | 2.29            | 29           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 10.77           | 27           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 14.28           | 36           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 11.80           | 30           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 16.06           | 40           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 15.67           | 39           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 15.61           | 39           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 17.96           | 45           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 17.25           | 43           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 14.41           | 36           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 17.70           | 44           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 17.33           | 43           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 12.68           | 32           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 18.17           | 45           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 10.03           | 25           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 17.54           | 44           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 19.39           | 48           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 18.63           | 47           |      | 10         | 140  |
| PB163648BL    | PB163648BL | BM047903.D | 1,4-Dioxane-d8                | 8              | 3.87            | 48           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 19.32           | 48           |      | 20         | 120  |
|               |            | BM047880.D | Pyridine-d5                   | 40             | 19.91           | 50           |      | 20         | 120  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 4.23            | 53           |      | 15         | 120  |
|               |            | BM047903.D | Phenol-d5                     | 40             | 21.35           | 53           |      | 10         | 130  |
|               |            |            | Phenol-d5                     | 40             | 21.26           | 53           |      | 10         | 130  |
|               |            | BM047880.D | Bis(2-Chloroethyl)ether-d8    | 40             | 18.47           | 46           |      | 10         | 150  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 18.69           | 47           |      | 10         | 150  |
|               |            | BM047903.D | 2-Chlorophenol-d4             | 40             | 24.92           | 62           |      | 15         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 24.95           | 62           |      | 15         | 120  |
|               |            | BM047903.D | 4-Methylphenol-d8             | 40             | 22.35           | 56           |      | 10         | 140  |
|               |            |            | 4-Methylphenol-d8             | 40             | 22.35           | 56           |      | 10         | 140  |

## Surrogate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| PB163648BL    | PB163648BL | BM047880.D | 4-Methylphenol-d8             | 40             | 22.51           | 56           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 24.82           | 62           |      | 10         | 135  |
|               |            | BM047903.D | Nitrobenzene-d5               | 40             | 24.93           | 62           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 27.61           | 69           |      | 10         | 120  |
|               |            | BM047880.D | 2-Nitrophenol-d4              | 40             | 27.85           | 70           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 25.06           | 63           |      | 10         | 140  |
|               |            | BM047903.D | 2,4-Dichlorophenol-d3         | 40             | 25.11           | 63           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 23.53           | 59           |      | 1          | 145  |
|               |            | BM047880.D | 4-Chloroaniline-d4            | 40             | 23.91           | 60           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 24.15           | 60           |      | 10         | 145  |
|               |            | BM047903.D | Dimethylphthalate-d6          | 40             | 24.05           | 60           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 24.55           | 61           |      | 15         | 120  |
|               |            | BM047880.D | Acenaphthylene-d8             | 40             | 24.27           | 61           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 19.92           | 50           |      | 10         | 150  |
|               |            | BM047903.D | 4-Nitrophenol-d4              | 40             | 19.83           | 50           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 24.78           | 62           |      | 20         | 140  |
|               |            | BM047880.D | Fluorene-d10                  | 40             | 24.87           | 62           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 17.23           | 43           |      | 10         | 130  |
|               |            | BM047903.D | 4,6-Dinitro-2-methylphenol-d2 | 40             | 16.23           | 41           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 23.99           | 60           |      | 10         | 150  |
|               |            | BM047880.D | Anthracene-d10                | 40             | 24.00           | 60           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 25.01           | 63           |      | 10         | 130  |
|               |            | BM047903.D | Pyrene-d10                    | 40             | 25.72           | 64           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 25.07           | 63           |      | 10         | 140  |
|               |            | BM047880.D | Benzo(a)pyrene-d12            | 40             | 24.76           | 62           |      | 10         | 140  |

## Surrogate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4131-01      | A4EX2     | BM047911.D | 1,4-Dioxane-d8                | 8              | 2.42            | 30           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 11.83           | 30           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 14.08           | 35           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 11.99           | 30           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 16.11           | 40           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 15.27           | 38           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 15.87           | 40           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 17.60           | 44           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 16.65           | 42           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 15.47           | 39           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 17.26           | 43           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 16.65           | 42           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 11.06           | 28           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 17.57           | 44           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 8.62            | 22           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 17.46           | 44           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 19.15           | 48           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 18.45           | 46           |      | 10         | 140  |
| P4131-02      | A4EY2     | BM047904.D | 1,4-Dioxane-d8                | 8              | 2.31            | 29           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 10.45           | 26           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 13.82           | 35           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 11.60           | 29           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 15.76           | 39           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 14.88           | 37           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 15.11           | 38           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 17.78           | 44           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 17.06           | 43           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 12.81           | 32           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 16.86           | 42           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 16.72           | 42           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 10.75           | 27           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 17.51           | 44           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 8.85            | 22           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 17.21           | 43           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 18.74           | 47           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 18.50           | 46           |      | 10         | 140  |
| P4131-08      | A4EW9     | BM047905.D | 1,4-Dioxane-d8                | 8              | 1.86            | 23           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 8.32            | 21           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 10.81           | 27           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 9.22            | 23           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 12.44           | 31           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 11.97           | 30           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 12.24           | 31           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 14.06           | 35           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 13.66           | 34           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 11.19           | 28           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 13.81           | 35           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 13.58           | 34           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 9.01            | 23           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4131-08      | A4EW9     | BM047905.D | Fluorene-d10                  | 40             | 14.54           | 36           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 7.00            | 17           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 14.16           | 35           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 16.07           | 40           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 15.37           | 38           |      | 10         | 140  |
| P4131-09      | A4EX0     | BM047906.D | 1,4-Dioxane-d8                | 8              | 1.97            | 25           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 10.44           | 26           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 12.89           | 32           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 10.95           | 27           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 14.68           | 37           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 13.95           | 35           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 14.63           | 37           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 16.90           | 42           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 15.61           | 39           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 14.14           | 35           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 15.65           | 39           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 15.49           | 39           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 11.63           | 29           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 16.08           | 40           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 8.46            | 21           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 15.31           | 38           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 16.91           | 42           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 16.51           | 41           |      | 10         | 140  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 1.30            | 16           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.56            | 1            | *    | 20         | 120  |
| P4131-10      | A4EX3     | BM047907.D | Phenol-d5                     | 40             | 7.00            | 17           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 6.79            | 17           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 8.79            | 22           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 4.91            | 12           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 8.60            | 21           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 9.58            | 24           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 9.01            | 23           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 3.65            | 9            |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 9.17            | 23           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 9.01            | 23           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 4.74            | 12           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 9.70            | 24           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 4.27            | 11           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 9.10            | 23           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 7.90            | 20           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 5.17            | 13           |      | 10         | 140  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 2.18            | 27           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 10.25           | 26           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 12.21           | 31           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 11.42           | 29           |      | 10         | 150  |
| P4131-11      | A4EX4     | BM047908.D | 2-Chlorophenol-d4             | 40             | 15.13           | 38           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 13.92           | 35           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 15.38           | 38           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 17.20           | 43           |      | 10         | 120  |

## Surrogate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4131-11      | A4EX4     | BM047908.D | 2,4-Dichlorophenol-d3         | 40             | 16.32           | 41           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 14.53           | 36           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 16.88           | 42           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 16.76           | 42           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 8.27            | 21           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 17.76           | 44           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 8.01            | 20           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 17.15           | 43           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 19.18           | 48           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 18.74           | 47           |      | 10         | 140  |
| P4131-12      | A4EX5     | BM047909.D | 1,4-Dioxane-d8                | 8              | 2.64            | 33           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 12.41           | 31           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 14.94           | 37           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 12.95           | 32           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 17.48           | 44           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 16.10           | 40           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 17.87           | 45           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 19.60           | 49           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 18.59           | 46           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 17.19           | 43           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 18.90           | 47           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 18.69           | 47           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 13.01           | 33           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 19.59           | 49           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 9.70            | 24           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 18.86           | 47           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 21.12           | 53           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 20.26           | 51           |      | 10         | 140  |
| P4131-14      | A4EX9     | BM047910.D | 1,4-Dioxane-d8                | 8              | 1.95            | 24           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 8.01            | 20           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 11.63           | 29           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 9.98            | 25           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 13.25           | 33           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 12.54           | 31           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 13.08           | 33           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 14.48           | 36           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 14.00           | 35           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 12.67           | 32           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 14.34           | 36           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 14.08           | 35           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 9.01            | 23           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 14.73           | 37           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 7.26            | 18           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 13.97           | 35           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 15.68           | 39           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 15.04           | 38           |      | 10         | 140  |
| P4131-21      | A4E67     | BM047883.D | 1,4-Dioxane-d8                | 8              | 2.30            | 29           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 16.84           | 42           |      | 10         | 130  |

## Surrogate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P4131-21      | A4E67      | BM047883.D | Bis(2-Chloroethyl)ether-d8    | 40             | 14.04           | 35           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 19.40           | 49           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 18.59           | 46           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 19.98           | 50           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 22.20           | 56           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 25.35           | 63           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 14.76           | 37           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 21.72           | 54           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 22.04           | 55           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 19.09           | 48           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 22.77           | 57           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 13.11           | 33           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 22.30           | 56           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 25.40           | 64           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 22.95           | 57           |      | 10         | 140  |
| P4131-21DL    | A4E67DL    | BM047884.D | 1,4-Dioxane-d8                | 8              | 2.38            | 30           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 16.35           | 41           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 14.39           | 36           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 18.72           | 47           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 17.45           | 44           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 18.09           | 45           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 19.47           | 49           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 24.64           | 62           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 13.53           | 34           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 21.45           | 54           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 21.46           | 54           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 14.32           | 36           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 22.67           | 57           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 8.76            | 22           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 21.43           | 54           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 23.67           | 59           |      | 10         | 130  |
| PB163651BL    | PB163651BL | BM047888.D | Benzo(a)pyrene-d12            | 40             | 21.80           | 54           |      | 10         | 140  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 4.28            | 53           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 21.20           | 53           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 23.27           | 58           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 20.19           | 50           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 26.79           | 67           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 24.92           | 62           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 27.03           | 68           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 30.44           | 76           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 27.63           | 69           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 26.15           | 65           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 26.36           | 66           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 26.64           | 67           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 21.99           | 55           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 27.21           | 68           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 19.17           | 48           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 26.52           | 66           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| PB163651BL    | PB163651BL | BM047888.D | Pyrene-d10                    | 40             | 28.46           | 71           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 27.44           | 69           |      | 10         | 140  |
| PB163651BS    | PB163651BS | BM047901.D | 1,4-Dioxane-d8                | 8              | 3.79            | 47           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 18.64           | 47           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 21.95           | 55           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 18.38           | 46           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 25.09           | 63           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 22.76           | 57           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 25.08           | 63           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 28.20           | 71           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 26.47           | 66           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 23.09           | 58           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 24.03           | 60           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 24.24           | 61           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 23.89           | 60           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 24.14           | 60           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 23.13           | 58           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 23.47           | 59           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 26.03           | 65           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 25.03           | 63           |      | 10         | 140  |

## Surrogate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4183-01      | A4EK6     | BM047934.D | 1,4-Dioxane-d8                | 8              | 2.30            | 29           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 19.93           | 50           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 16.89           | 42           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 23.55           | 59           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 17.84           | 45           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 23.45           | 59           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 26.35           | 66           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 23.51           | 59           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 2.51            | 6            |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 21.77           | 54           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 21.87           | 55           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 16.67           | 42           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 22.95           | 57           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 14.60           | 37           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 22.60           | 57           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 25.18           | 63           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 18.38           | 46           |      | 10         | 140  |
| P4183-02      | A4EK7     | BM047938.D | 1,4-Dioxane-d8                | 8              | 0.78            | 10           | *    | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.62            | 2            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 9.19            | 23           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 7.96            | 20           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 10.78           | 27           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 9.32            | 23           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 10.88           | 27           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 11.93           | 30           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 10.92           | 27           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 7.66            | 19           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 10.49           | 26           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 10.62           | 27           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 6.75            | 17           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 11.03           | 28           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 4.60            | 12           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 10.96           | 27           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 11.12           | 28           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 9.26            | 23           |      | 10         | 140  |
| P4183-03      | A4EK8     | BM047918.D | 1,4-Dioxane-d8                | 8              | 2.89            | 36           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 13.74           | 34           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 22.63           | 57           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 19.40           | 49           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 25.59           | 64           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 24.51           | 61           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 26.01           | 65           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 29.13           | 73           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 27.51           | 69           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 23.45           | 59           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 27.83           | 70           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 27.82           | 70           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 18.67           | 47           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4183-03      | A4EK8     | BM047918.D | Fluorene-d10                  | 40             | 28.92           | 72           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 17.41           | 44           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 27.91           | 70           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 29.74           | 74           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 29.90           | 75           |      | 10         | 140  |
| P4183-04      | A4EM0     | BM047937.D | 1,4-Dioxane-d8                | 8              | 0.86            | 11           | *    | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.41            | 1            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 10.15           | 25           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 8.77            | 22           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 12.01           | 30           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 9.93            | 25           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 12.27           | 31           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 13.71           | 34           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 12.35           | 31           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 9.24            | 23           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 12.01           | 30           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 11.92           | 30           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 8.26            | 21           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 12.35           | 31           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 5.45            | 14           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 12.09           | 30           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 12.04           | 30           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 10.06           | 25           |      | 10         | 140  |
| P4183-05      | A4EM1     | BM047933.D | 1,4-Dioxane-d8                | 8              | 1.18            | 15           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.54            | 1            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 11.40           | 29           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 10.16           | 25           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 13.34           | 33           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 10.51           | 26           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 13.09           | 33           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 14.36           | 36           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 13.63           | 34           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 2.98            | 7            |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 13.13           | 33           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 13.15           | 33           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 8.92            | 22           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 13.94           | 35           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 8.16            | 20           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 13.61           | 34           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 13.48           | 34           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 10.34           | 26           |      | 10         | 140  |
| P4183-06      | A4EM2     | BM047922.D | 1,4-Dioxane-d8                | 8              | 3.27            | 41           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 15.52           | 39           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 22.89           | 57           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 19.44           | 49           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 26.24           | 66           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 24.58           | 61           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 26.31           | 66           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 29.32           | 73           |      | 10         | 120  |

## Surrogate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4183-06      | A4EM2     | BM047922.D | 2,4-Dichlorophenol-d3         | 40             | 27.94           | 70           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 24.04           | 60           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 27.36           | 68           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 27.56           | 69           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 19.40           | 48           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 28.81           | 72           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 15.90           | 40           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 28.20           | 71           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 31.02           | 78           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 30.20           | 75           |      | 10         | 140  |
| P4183-10      | A4EL1     | BM047919.D | 1,4-Dioxane-d8                | 8              | 2.92            | 36           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 12.46           | 31           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 20.29           | 51           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 17.72           | 44           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 23.02           | 58           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 21.61           | 54           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 23.52           | 59           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 26.39           | 66           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 24.87           | 62           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 21.27           | 53           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 24.88           | 62           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 25.16           | 63           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 16.66           | 42           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 25.84           | 65           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 15.13           | 38           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 24.70           | 62           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 26.87           | 67           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 26.42           | 66           |      | 10         | 140  |
| P4183-11      | A4EL2     | BM047920.D | 1,4-Dioxane-d8                | 8              | 2.64            | 33           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 11.30           | 28           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 20.33           | 51           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 17.15           | 43           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 22.93           | 57           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 22.10           | 55           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 22.42           | 56           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 25.65           | 64           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 24.77           | 62           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 20.64           | 52           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 25.22           | 63           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 24.89           | 62           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 18.17           | 45           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 26.02           | 65           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 15.71           | 39           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 25.73           | 64           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 28.78           | 72           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 27.45           | 69           |      | 10         | 140  |
| P4183-12      | A4EL5     | BM047926.D | 1,4-Dioxane-d8                | 8              | 2.18            | 27           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 12.06           | 30           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 24.54           | 61           |      | 10         | 130  |

## Surrogate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4183-12      | A4EL5     | BM047926.D | Bis(2-Chloroethyl)ether-d8    | 40             | 20.48           | 51           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 26.88           | 67           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 28.28           | 71           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 29.69           | 74           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 34.54           | 86           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 32.54           | 81           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 28.81           | 72           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 34.09           | 85           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 33.90           | 85           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 28.77           | 72           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 34.97           | 87           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 24.02           | 60           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 34.40           | 86           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 37.73           | 94           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 36.02           | 90           |      | 10         | 140  |
| P4183-13      | A4EL6     | BM047929.D | 1,4-Dioxane-d8                | 8              | 0.74            | 9            | *    | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.61            | 2            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 9.79            | 24           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 8.63            | 22           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 11.57           | 29           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 9.09            | 23           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 11.03           | 28           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 12.28           | 31           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 11.80           | 30           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 9.04            | 23           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 11.93           | 30           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 11.48           | 29           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 6.82            | 17           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 12.07           | 30           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 6.11            | 15           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 11.78           | 29           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 11.93           | 30           |      | 10         | 130  |
| P4183-14      | A4EL7     | BM047927.D | Benzo(a)pyrene-d12            | 40             | 10.17           | 25           |      | 10         | 140  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 0.75            | 9            | *    | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.56            | 1            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 9.32            | 23           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 8.07            | 20           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 10.72           | 27           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 9.44            | 24           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 10.51           | 26           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 11.26           | 28           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 11.14           | 28           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 9.00            | 23           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 11.20           | 28           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 10.59           | 26           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 6.18            | 15           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 11.23           | 28           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 5.25            | 13           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 10.79           | 27           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4183-14      | A4EL7     | BM047927.D | Pyrene-d10                    | 40             | 10.53           | 26           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 8.53            | 21           |      | 10         | 140  |
| P4183-15      | A4EL8     | BM047936.D | 1,4-Dioxane-d8                | 8              | 3.07            | 38           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 14.43           | 36           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 25.98           | 65           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 21.69           | 54           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 29.93           | 75           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 28.30           | 71           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 30.26           | 76           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 35.29           | 88           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 31.94           | 80           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 25.75           | 64           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 29.87           | 75           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 30.49           | 76           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 25.02           | 63           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 31.27           | 78           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 16.22           | 41           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 30.78           | 77           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 35.56           | 89           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 32.33           | 81           |      | 10         | 140  |
| P4183-16      | A4EL9     | BM047923.D | 1,4-Dioxane-d8                | 8              | 3.28            | 41           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 15.41           | 39           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 25.24           | 63           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 20.50           | 51           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 27.96           | 70           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 27.34           | 68           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 27.61           | 69           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 31.20           | 78           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 29.81           | 75           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 26.28           | 66           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 29.77           | 74           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 29.32           | 73           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 21.64           | 54           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 30.24           | 76           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 18.06           | 45           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 29.93           | 75           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 32.90           | 82           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 32.05           | 80           |      | 10         | 140  |
| P4183-17      | A4EM3     | BM047935.D | 1,4-Dioxane-d8                | 8              | 1.51            | 19           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 13.18           | 33           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 12.18           | 30           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 16.28           | 41           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 14.32           | 36           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 16.87           | 42           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 18.86           | 47           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 16.65           | 42           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 10.21           | 26           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 16.24           | 41           |      | 10         | 145  |

## Surrogate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4183-17      | A4EM3     | BM047935.D | Acenaphthylene-d8             | 40             | 16.45           | 41           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 8.14            | 20           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 17.26           | 43           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 7.85            | 20           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 16.72           | 42           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 16.75           | 42           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 12.39           | 31           |      | 10         | 140  |
| P4183-18      | A4EM4     | BM047921.D | 1,4-Dioxane-d8                | 8              | 1.38            | 17           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.64            | 2            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 11.96           | 30           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 10.53           | 26           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 13.62           | 34           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 11.45           | 29           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 13.42           | 34           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 14.75           | 37           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 14.33           | 36           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 9.09            | 23           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 14.70           | 37           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 14.27           | 36           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 8.62            | 22           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 14.97           | 37           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 7.98            | 20           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 14.51           | 36           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 13.27           | 33           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 10.37           | 26           |      | 10         | 140  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 3.43            | 43           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 16.18           | 40           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 27.39           | 68           |      | 10         | 130  |
| P4183-19      | A4EM5     | BM047924.D | Bis(2-Chloroethyl)ether-d8    | 40             | 23.12           | 58           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 31.06           | 78           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 30.31           | 76           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 31.17           | 78           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 35.83           | 90           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 33.45           | 84           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 28.81           | 72           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 33.48           | 84           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 32.97           | 82           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 24.87           | 62           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 34.16           | 85           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 20.72           | 52           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 33.55           | 84           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 37.62           | 94           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 36.25           | 91           |      | 10         | 140  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 1.01            | 13           | *    | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.61            | 2            | *    | 20         | 120  |
| P4183-20      | A4EM8     | BM047925.D | Phenol-d5                     | 40             | 10.66           | 27           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 9.63            | 24           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 12.51           | 31           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 10.41           | 26           |      | 10         | 140  |

## Surrogate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P4183-20      | A4EM8      | BM047925.D | Nitrobenzene-d5               | 40             | 12.18           | 30           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 13.08           | 33           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 12.61           | 32           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 8.54            | 21           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 12.67           | 32           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 12.42           | 31           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 6.03            | 15           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 12.97           | 32           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 6.23            | 16           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 12.58           | 31           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 12.08           | 30           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 9.79            | 24           |      | 10         | 140  |
| P4183-21      | A4EM9      | BM047928.D | 1,4-Dioxane-d8                | 8              | 3.19            | 40           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 15.05           | 38           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 23.68           | 59           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 20.25           | 51           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 27.17           | 68           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 25.80           | 65           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 27.28           | 68           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 30.82           | 77           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 28.48           | 71           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 24.97           | 62           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 28.16           | 70           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 28.03           | 70           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 20.59           | 51           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 28.91           | 72           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 17.35           | 43           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 28.23           | 71           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 30.99           | 77           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 29.93           | 75           |      | 10         | 140  |
| P4183-22      | A4EN2      | BM047915.D | 1,4-Dioxane-d8                | 8              | 0.87            | 11           | *    | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 0.57            | 1            | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 8.43            | 21           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 7.63            | 19           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 9.75            | 24           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 8.65            | 22           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 9.27            | 23           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 10.20           | 25           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 9.82            | 25           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 8.29            | 21           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 10.08           | 25           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 9.79            | 24           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 5.42            | 14           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 10.36           | 26           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 4.68            | 12           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 9.91            | 25           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 9.68            | 24           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 8.04            | 20           |      | 10         | 140  |
| PB163712BL    | PB163712BL | BM047913.D | 1,4-Dioxane-d8                | 8              | 3.65            | 46           |      | 15         | 120  |

## Surrogate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| PB163712BL    | PB163712BL | BM047913.D | Pyridine-d5                   | 40             | 17.78           | 44           |      | 20         | 120  |
|               |            | BM047917.D | 1,4-Dioxane-d8                | 8              | 3.76            | 47           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 17.44           | 44           |      | 20         | 120  |
|               |            | BM047932.D | 1,4-Dioxane-d8                | 8              | 3.85            | 48           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 18.23           | 46           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 19.60           | 49           |      | 10         | 130  |
|               |            | BM047917.D | Phenol-d5                     | 40             | 18.97           | 47           |      | 10         | 130  |
|               |            | BM047913.D | Phenol-d5                     | 40             | 18.90           | 47           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 17.14           | 43           |      | 10         | 150  |
|               |            | BM047917.D | Bis(2-Chloroethyl)ether-d8    | 40             | 16.79           | 42           |      | 10         | 150  |
|               |            | BM047932.D | Bis(2-Chloroethyl)ether-d8    | 40             | 17.06           | 43           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 22.69           | 57           |      | 15         | 120  |
|               |            | BM047917.D | 2-Chlorophenol-d4             | 40             | 22.22           | 56           |      | 15         | 120  |
|               |            | BM047913.D | 2-Chlorophenol-d4             | 40             | 21.74           | 54           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 19.70           | 49           |      | 10         | 140  |
|               |            | BM047917.D | 4-Methylphenol-d8             | 40             | 20.09           | 50           |      | 10         | 140  |
|               |            | BM047932.D | 4-Methylphenol-d8             | 40             | 20.49           | 51           |      | 10         | 140  |
|               |            | BM047917.D | Nitrobenzene-d5               | 40             | 21.58           | 54           |      | 10         | 135  |
|               |            | BM047932.D | Nitrobenzene-d5               | 40             | 22.79           | 57           |      | 10         | 135  |
|               |            | BM047913.D | Nitrobenzene-d5               | 40             | 22.32           | 56           |      | 10         | 135  |
|               |            | BM047917.D | 2-Nitrophenol-d4              | 40             | 23.98           | 60           |      | 10         | 120  |
|               |            | BM047932.D | 2-Nitrophenol-d4              | 40             | 25.27           | 63           |      | 10         | 120  |
|               |            | BM047913.D | 2-Nitrophenol-d4              | 40             | 24.61           | 62           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 22.11           | 55           |      | 10         | 140  |
|               |            | BM047917.D | 2,4-Dichlorophenol-d3         | 40             | 22.08           | 55           |      | 10         | 140  |
|               |            | BM047932.D | 2,4-Dichlorophenol-d3         | 40             | 23.07           | 58           |      | 10         | 140  |
|               |            | BM047917.D | 4-Chloroaniline-d4            | 40             | 20.83           | 52           |      | 1          | 145  |
|               |            | BM047913.D | 4-Chloroaniline-d4            | 40             | 20.81           | 52           |      | 1          | 145  |
|               |            | BM047932.D | 4-Chloroaniline-d4            | 40             | 21.73           | 54           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 22.91           | 57           |      | 10         | 145  |
|               |            | BM047913.D | Dimethylphthalate-d6          | 40             | 22.34           | 56           |      | 10         | 145  |
|               |            | BM047917.D | Dimethylphthalate-d6          | 40             | 22.03           | 55           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 21.68           | 54           |      | 15         | 120  |
|               |            | BM047913.D | Acenaphthylene-d8             | 40             | 21.69           | 54           |      | 15         | 120  |
|               |            | BM047932.D | Acenaphthylene-d8             | 40             | 22.71           | 57           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 17.56           | 44           |      | 10         | 150  |
|               |            | BM047913.D | 4-Nitrophenol-d4              | 40             | 16.91           | 42           |      | 10         | 150  |
|               |            | BM047917.D | 4-Nitrophenol-d4              | 40             | 16.76           | 42           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 22.05           | 55           |      | 20         | 140  |
|               |            | BM047913.D | Fluorene-d10                  | 40             | 22.11           | 55           |      | 20         | 140  |
|               |            | BM047932.D | Fluorene-d10                  | 40             | 23.24           | 58           |      | 20         | 140  |
|               |            | BM047913.D | 4,6-Dinitro-2-methylphenol-d2 | 40             | 15.88           | 40           |      | 10         | 130  |
|               |            | BM047932.D | 4,6-Dinitro-2-methylphenol-d2 | 40             | 15.59           | 39           |      | 10         | 130  |
|               |            | BM047917.D | 4,6-Dinitro-2-methylphenol-d2 | 40             | 14.91           | 37           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 22.13           | 55           |      | 10         | 150  |
|               |            | BM047913.D | Anthracene-d10                | 40             | 22.04           | 55           |      | 10         | 150  |
|               |            | BM047932.D | Anthracene-d10                | 40             | 23.08           | 58           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 24.41           | 61           |      | 10         | 130  |
|               |            | BM047913.D | Pyrene-d10                    | 40             | 23.64           | 59           |      | 10         | 130  |

## Surrogate Summary

SW-846

SDG No.: BM100724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| PB163712BL    | PB163712BL | BM047917.D | Pyrene-d10                    | 40             | 24.04           | 60           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 23.32           | 58           |      | 10         | 140  |
|               |            | BM047913.D | Benzo(a)pyrene-d12            | 40             | 23.21           | 58           |      | 10         | 140  |
| PB163712BS    | PB163712BS | BM047932.D | Benzo(a)pyrene-d12            | 40             | 24.30           | 61           |      | 10         | 140  |
|               |            | BM047930.D | 1,4-Dioxane-d8                | 8              | 4.50            | 56           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 22.18           | 55           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 31.17           | 78           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 26.30           | 66           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 35.63           | 89           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 33.01           | 83           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 35.93           | 90           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 40.51           | 101          |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 37.56           | 94           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 32.77           | 82           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 34.61           | 87           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 34.67           | 87           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 34.02           | 85           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 34.45           | 86           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 33.15           | 83           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 33.89           | 85           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 37.71           | 94           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 37.17           | 93           |      | 10         | 140  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM100724

Lab Code: CHEM

SAS No.: BM100724 SDG NO.: BM100724

Lab File ID: BM047878.D

DFTPP Injection Date: 10/07/2024

Instrument ID: BNA\_M

DFTPP Injection Time: 09:21

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 30.8                 |
| 68  | Less than 2.0% of mass 69          | 0.5 ( 1.5 ) 1        |
| 69  | Mass 69 relative abundance         | 31.8                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.4 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 43.6                 |
| 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           | 25.7                 |
| 365 | Greater than 1% of mass 198        | 3.6                  |
| 441 | Present, but less than mass 443    | 14.6                 |
| 442 | Greater than 50% of mass 198       | 91.8                 |
| 443 | 15.0 - 24.0% of mass 442           | 17.9 ( 19.5 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| SSTD020165        | SSTDCCC020       | BM047879.D     | 10/07/2024       | 10:00            |
| SBLK648           | PB163648BL       | BM047880.D     | 10/07/2024       | 10:39            |
| A4E64             | P4109-13         | BM047881.D     | 10/07/2024       | 11:19            |
| A4E64DL           | P4109-13DL       | BM047882.D     | 10/07/2024       | 12:06            |
| A4E67             | P4131-21         | BM047883.D     | 10/07/2024       | 13:31            |
| A4E67DL           | P4131-21DL       | BM047884.D     | 10/07/2024       | 15:08            |
| A4EG9             | P4083-16         | BM047885.D     | 10/07/2024       | 15:47            |
| A4EH2             | P4083-19         | BM047886.D     | 10/07/2024       | 16:26            |
| SSTD020166        | SSTDCCC020       | BM047887.D     | 10/07/2024       | 17:06            |
| SBLK651           | PB163651BL       | BM047888.D     | 10/07/2024       | 17:46            |
| A4EK2             | P4083-07         | BM047889.D     | 10/07/2024       | 18:25            |
| A4EK3             | P4083-08         | BM047890.D     | 10/07/2024       | 19:04            |
| A4EH5             | P4109-02         | BM047891.D     | 10/07/2024       | 19:44            |
| A4EH8             | P4109-05         | BM047892.D     | 10/07/2024       | 20:24            |
| A4EJ9             | P4109-07         | BM047893.D     | 10/07/2024       | 21:03            |
| A4EK0             | P4109-08         | BM047894.D     | 10/07/2024       | 21:43            |
| A4ET8             | P4109-16         | BM047895.D     | 10/07/2024       | 22:22            |
| A4EW2             | P4109-20         | BM047896.D     | 10/07/2024       | 23:02            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM100724

Lab Code: CHEM

SAS No.: BM100724

SDG NO.: BM100724

Lab File ID: BM047878.D

DFTPP Injection Date: 10/07/2024

Instrument ID: BNA\_M

DFTPP Injection Time: 09:21

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 30.8                 |
| 68  | Less than 2.0% of mass 69          | 0.5 ( 1.5 ) 1        |
| 69  | Mass 69 relative abundance         | 31.8                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.4 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 43.6                 |
| 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           | 25.7                 |
| 365 | Greater than 1% of mass 198        | 3.6                  |
| 441 | Present, but less than mass 443    | 14.6                 |
| 442 | Greater than 50% of mass 198       | 91.8                 |
| 443 | 15.0 - 24.0% of mass 442           | 17.9 ( 19.5 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| A4EW7             | P4109-22         | BM047897.D     | 10/07/2024       | 23:41            |
| A4ET9             | P4109-17         | BM047898.D     | 10/08/2024       | 00:21            |
| A4EW0             | P4109-18         | BM047899.D     | 10/08/2024       | 01:00            |
| A4EW1             | P4109-19         | BM047900.D     | 10/08/2024       | 01:40            |
| SLCS651           | PB163651BS       | BM047901.D     | 10/08/2024       | 02:19            |
| SSTD020167        | SSTDCCC020       | BM047902.D     | 10/08/2024       | 03:38            |
| SBLK648           | PB163648BL       | BM047903.D     | 10/08/2024       | 04:17            |
| A4EY2             | P4131-02         | BM047904.D     | 10/08/2024       | 04:57            |
| A4EW9             | P4131-08         | BM047905.D     | 10/08/2024       | 05:36            |
| A4EX0             | P4131-09         | BM047906.D     | 10/08/2024       | 06:16            |
| A4EX3             | P4131-10         | BM047907.D     | 10/08/2024       | 06:55            |
| A4EX4             | P4131-11         | BM047908.D     | 10/08/2024       | 07:35            |
| A4EX5             | P4131-12         | BM047909.D     | 10/08/2024       | 08:14            |
| A4EX9             | P4131-14         | BM047910.D     | 10/08/2024       | 08:54            |
| A4EX2             | P4131-01         | BM047911.D     | 10/08/2024       | 09:33            |
| SSTD020168        | SSTDCCC020       | BM047912.D     | 10/08/2024       | 10:52            |
| SBLK712           | PB163712BL       | BM047913.D     | 10/08/2024       | 14:29            |
| A4ET9             | P4109-17         | BM047914.D     | 10/08/2024       | 15:08            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM100724

Lab Code: CHEM

SAS No.: BM100724

SDG NO.: BM100724

Lab File ID: BM047878.D

DFTPP Injection Date: 10/07/2024

Instrument ID: BNA\_M

DFTPP Injection Time: 09:21

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 30.8                 |
| 68  | Less than 2.0% of mass 69          | 0.5 ( 1.5 ) 1        |
| 69  | Mass 69 relative abundance         | 31.8                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.4 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 43.6                 |
| 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           | 25.7                 |
| 365 | Greater than 1% of mass 198        | 3.6                  |
| 441 | Present, but less than mass 443    | 14.6                 |
| 442 | Greater than 50% of mass 198       | 91.8                 |
| 443 | 15.0 - 24.0% of mass 442           | 17.9 ( 19.5 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| A4EN2             | P4183-22         | BM047915.D     | 10/08/2024       | 16:27            |
| SSTD020169        | SSTDCCC020       | BM047916.D     | 10/08/2024       | 17:06            |
| SBLK712           | PB163712BL       | BM047917.D     | 10/08/2024       | 17:46            |
| A4EK8             | P4183-03         | BM047918.D     | 10/08/2024       | 18:25            |
| A4EL1             | P4183-10         | BM047919.D     | 10/08/2024       | 19:05            |
| A4EL2             | P4183-11         | BM047920.D     | 10/08/2024       | 19:44            |
| A4EM4             | P4183-18         | BM047921.D     | 10/08/2024       | 20:24            |
| A4EM2             | P4183-06         | BM047922.D     | 10/08/2024       | 21:03            |
| A4EL9             | P4183-16         | BM047923.D     | 10/08/2024       | 21:43            |
| A4EM5             | P4183-19         | BM047924.D     | 10/08/2024       | 22:22            |
| A4EM8             | P4183-20         | BM047925.D     | 10/08/2024       | 23:02            |
| A4EL5             | P4183-12         | BM047926.D     | 10/08/2024       | 23:41            |
| A4EL7             | P4183-14         | BM047927.D     | 10/09/2024       | 00:20            |
| A4EM9             | P4183-21         | BM047928.D     | 10/09/2024       | 01:00            |
| A4EL6             | P4183-13         | BM047929.D     | 10/09/2024       | 01:39            |
| SLCS712           | PB163712BS       | BM047930.D     | 10/09/2024       | 02:19            |
| SSTD020170        | SSTDCCC020       | BM047931.D     | 10/09/2024       | 03:37            |
| SBLK712           | PB163712BL       | BM047932.D     | 10/09/2024       | 04:17            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM100724

Lab Code: CHEM

SAS No.: BM100724

SDG NO.: BM100724

Lab File ID: BM047878.D

DFTPP Injection Date: 10/07/2024

Instrument ID: BNA\_M

DFTPP Injection Time: 09:21

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 30.8                 |
| 68  | Less than 2.0% of mass 69          | 0.5 ( 1.5 ) 1        |
| 69  | Mass 69 relative abundance         | 31.8                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.4 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 43.6                 |
| 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           | 25.7                 |
| 365 | Greater than 1% of mass 198        | 3.6                  |
| 441 | Present, but less than mass 443    | 14.6                 |
| 442 | Greater than 50% of mass 198       | 91.8                 |
| 443 | 15.0 - 24.0% of mass 442           | 17.9 ( 19.5 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| A4EM1             | P4183-05         | BM047933.D     | 10/09/2024       | 04:56            |
| A4EK6             | P4183-01         | BM047934.D     | 10/09/2024       | 05:36            |
| A4EM3             | P4183-17         | BM047935.D     | 10/09/2024       | 06:15            |
| A4EL8             | P4183-15         | BM047936.D     | 10/09/2024       | 06:55            |
| A4EM0             | P4183-04         | BM047937.D     | 10/09/2024       | 07:34            |
| A4EK7             | P4183-02         | BM047938.D     | 10/09/2024       | 08:14            |
| SP6637            | SP6637           | BM047939.D     | 10/09/2024       | 08:53            |