

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110624 SAS No.: BG110624 SDG No.: BG110624

Instrument ID: BNA\_G Calibration Date/Time: 11/6/2024 1: 20:46

Lab File ID: BG063176.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020516 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-----------------------------|-------|--------|------------|----------|-------|
| 1,4-Dioxane                 | 0.545 | 0.458  | 0.010      | -15.8978 | 40.0  |
| Benzaldehyde                | 0.997 | 1.385  | 0.010      | 38.8894  | 40.0  |
| Pyridine                    | 1.492 | 1.510  | 0.010      | 1.2294   | 40.0  |
| Phenol                      | 1.967 | 2.016  | 0.080      | 2.4955   | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.338 | 1.419  | 0.100      | 6.0618   | 20.0  |
| 2-Chlorophenol              | 1.253 | 1.329  | 0.200      | 6.1023   | 20.0  |
| 2-Methylphenol              | 1.437 | 1.511  | 0.010      | 5.1656   | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 1.691 | 1.832  | 0.010      | 8.3656   | 40.0  |
| Acetophenone                | 2.463 | 2.571  | 0.060      | 4.3985   | 20.0  |
| 4-Methylphenol              | 1.634 | 1.684  | 0.010      | 3.115    | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.437 | 1.517  | 0.050      | 5.5765   | 30.0  |
| Hexachloroethane            | 0.508 | 0.524  | 0.100      | 3.1679   | 20.0  |
| Nitrobenzene                | 0.434 | 0.455  | 0.050      | 4.9022   | 25.0  |
| Isophorone                  | 0.915 | 0.900  | 0.050      | -1.6341  | 25.0  |
| 2-Nitrophenol               | 0.180 | 0.187  | 0.050      | 4.2899   | 25.0  |
| 2,4-Dimethylphenol          | 0.392 | 0.404  | 0.050      | 3.079    | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.441 | 0.462  | 0.050      | 4.6594   | 20.0  |
| 2,4-Dichlorophenol          | 0.336 | 0.354  | 0.060      | 5.4168   | 20.0  |
| Naphthalene                 | 1.023 | 1.067  | 0.200      | 4.2751   | 20.0  |
| 4-Chloroaniline             | 0.445 | 0.449  | 0.010      | 1.0062   | 40.0  |
| Hexachlorobutadiene         | 0.322 | 0.325  | 0.040      | 1.1294   | 30.0  |
| Caprolactam                 | 0.140 | 0.149  | 0.010      | 6.4597   | 40.0  |
| 4-Chloro-3-methylphenol     | 0.403 | 0.415  | 0.040      | 2.8436   | 25.0  |
| 1-Methylnaphthalene         | 0.843 | 0.863  | 0.100      | 2.2716   | 20.0  |
| 2-Methylnaphthalene         | 0.811 | 0.838  | 0.100      | 3.325    | 20.0  |
| Hexachlorocyclopentadiene   | 0.385 | 0.346  | 0.010      | -10.0971 | 40.0  |
| 2,4,6-Trichlorophenol       | 0.381 | 0.393  | 0.090      | 3.1882   | 25.0  |
| 2,4,5-Trichlorophenol       | 0.413 | 0.441  | 0.100      | 6.8774   | 25.0  |
| 1,1-Biphenyl                | 1.268 | 1.317  | 0.200      | 3.9248   | 20.0  |
| 2-Chloronaphthalene         | 0.987 | 0.994  | 0.300      | 0.67     | 20.0  |
| 2-Nitroaniline              | 0.337 | 0.358  | 0.050      | 6.2923   | 40.0  |
| Dimethylphthalate           | 1.502 | 1.541  | 0.300      | 2.6145   | 20.0  |
| 2,6-Dinitrotoluene          | 0.287 | 0.301  | 0.080      | 4.6074   | 30.0  |
| Acenaphthylene              | 1.527 | 1.541  | 0.400      | 0.918    | 20.0  |
| 3-Nitroaniline              | 0.251 | 0.295  | 0.010      | 17.5703  | 40.0  |
| Acenaphthene                | 1.093 | 1.128  | 0.200      | 3.1593   | 20.0  |
| 2,4-Dinitrophenol           | 0.190 | 0.154  | 0.010      | -18.7174 | 40.0  |
| 4-Nitrophenol               | 0.279 | 0.300  | 0.010      | 7.5751   | 40.0  |
| Dibenzofuran                | 1.674 | 1.748  | 0.300      | 4.4784   | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110624 SAS No.: BG110624 SDG No.: BG110624

Instrument ID: BNA\_G Calibration Date/Time: 11/6/2024 1:20:46

Lab File ID: BG063176.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020516 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| 2,4-Dinitrotoluene            | 0.455 | 0.466  | 0.070      | 2.4134   | 30.0  |
| Diethylphthalate              | 1.540 | 1.597  | 0.300      | 3.6746   | 20.0  |
| Fluorene                      | 1.416 | 1.482  | 0.200      | 4.6403   | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.910 | 0.947  | 0.100      | 4.0182   | 20.0  |
| 4-Nitroaniline                | 0.254 | 0.311  | 0.010      | 22.4944  | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.130 | 0.136  | 0.010      | 4.6024   | 40.0  |
| N-Nitrosodiphenylamine        | 0.446 | 0.473  | 0.050      | 6.0214   | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.705 | 0.716  | 0.100      | 1.5373   | 20.0  |
| 4-Bromophenyl-phenylether     | 0.229 | 0.232  | 0.070      | 1.4385   | 20.0  |
| Hexachlorobenzene             | 0.244 | 0.246  | 0.050      | 1.0393   | 25.0  |
| Atrazine                      | 0.244 | 0.255  | 0.010      | 4.5395   | 25.0  |
| Pentachlorophenol             | 0.122 | 0.107  | 0.010      | -12.7786 | 40.0  |
| Phenanthrene                  | 0.914 | 0.969  | 0.200      | 6.0422   | 20.0  |
| Pentachlorobenzene            | 0.276 | 0.287  | 0.050      | 4.0162   | 20.0  |
| Anthracene                    | 0.936 | 0.983  | 0.200      | 5.0179   | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.259 | 0.262  | 0.050      | 1.4683   | 20.0  |
| Carbazole                     | 0.777 | 0.847  | 0.050      | 9.0109   | 40.0  |
| Di-n-butylphthalate           | 0.884 | 0.946  | 0.500      | 6.9693   | 25.0  |
| Fluoranthene                  | 1.084 | 1.163  | 0.400      | 7.291    | 25.0  |
| Pyrene                        | 1.149 | 1.219  | 0.400      | 6.0843   | 25.0  |
| Butylbenzylphthalate          | 0.336 | 0.363  | 0.100      | 8.1161   | 40.0  |
| 3,3-Dichlorobenzidine         | 0.430 | 0.486  | 0.010      | 13.0548  | 40.0  |
| Benzo (a) anthracene          | 1.265 | 1.344  | 0.300      | 6.23     | 30.0  |
| Chrysene                      | 1.179 | 1.264  | 0.200      | 7.1937   | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.489 | 0.531  | 0.200      | 8.6134   | 40.0  |
| Di-n-octyl phthalate          | 0.788 | 0.842  | 0.010      | 6.8229   | 40.0  |
| Benzo (b) fluoranthene        | 1.203 | 1.246  | 0.200      | 3.5122   | 25.0  |
| Benzo (k) fluoranthene        | 1.199 | 1.246  | 0.200      | 3.9804   | 25.0  |
| Benzo (a) pyrene              | 1.113 | 1.153  | 0.200      | 3.5539   | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.365 | 1.441  | 0.200      | 5.5691   | 25.0  |
| Dibenzo (a,h) anthracene      | 1.113 | 1.162  | 0.200      | 4.433    | 30.0  |
| Benzo (g,h,i) perylene        | 1.035 | 1.069  | 0.200      | 3.2812   | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.427 | 0.446  | 0.040      | 4.2389   | 20.0  |
| 1,4-Dioxane-d8                | 0.442 | 0.396  | 0.010      | -10.5786 | 25.0  |
| Pyridine-d5                   | 1.462 | 1.448  | 0.010      | -0.9335  | 40.0  |
| Phenol-d5                     | 1.805 | 1.807  | 0.010      | 0.1366   | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.059 | 1.097  | 0.050      | 3.6368   | 25.0  |
| 2-Chlorophenol-d4             | 1.171 | 1.275  | 0.200      | 8.8117   | 20.0  |
| 4-Methylphenol-d8             | 1.530 | 1.615  | 0.010      | 5.5976   | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110624 SAS No.: BG110624 SDG No.: BG110624

Instrument ID: BNA\_G Calibration Date/Time: 11/6/2024 1:20:46

Lab File ID: BG063176.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020516 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-------------------------------|-------|--------|------------|---------|-------|
| Nitrobenzene-d5               | 0.141 | 0.156  | 0.050      | 10.6109 | 20.0  |
| 2-Nitrophenol-d4              | 0.182 | 0.188  | 0.050      | 3.3233  | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.357 | 0.368  | 0.060      | 3.0639  | 20.0  |
| 4-Chloroaniline-d4            | 0.465 | 0.468  | 0.010      | 0.7547  | 40.0  |
| Dimethylphthalate-d6          | 1.567 | 1.589  | 0.300      | 1.4553  | 20.0  |
| Acenaphthylene-d8             | 1.533 | 1.591  | 0.400      | 3.7869  | 20.0  |
| 4-Nitrophenol-d4              | 0.214 | 0.219  | 0.010      | 1.8983  | 40.0  |
| Fluorene-d10                  | 1.322 | 1.373  | 0.100      | 3.8144  | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.126 | 0.123  | 0.010      | -1.957  | 40.0  |
| Anthracene-d10                | 0.860 | 0.893  | 0.300      | 3.8983  | 20.0  |
| Pyrene-d10                    | 1.003 | 1.079  | 0.300      | 7.5567  | 25.0  |
| Benzo(a)pyrene-d12            | 0.966 | 0.985  | 0.010      | 1.9835  | 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.: BG110624 SAS No.: BG110624 SDG No.: BG110624

Instrument ID: BNA\_G Calibration Date/Time: 11/7/2024 1:07:33

Lab File ID: BG063192.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020517 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.545 | 0.450  | 0.010   | -17.3764 | 40.0  |
| Benzaldehyde                | 0.997 | 1.224  | 0.010   | 22.7137  | 40.0  |
| Pyridine                    | 1.492 | 1.291  | 0.010   | -13.449  | 40.0  |
| Phenol                      | 1.967 | 1.914  | 0.080   | -2.6959  | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.338 | 1.258  | 0.100   | -5.9527  | 20.0  |
| 2-Chlorophenol              | 1.253 | 1.306  | 0.200   | 4.2633   | 20.0  |
| 2-Methylphenol              | 1.437 | 1.444  | 0.010   | 0.4979   | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 1.691 | 1.640  | 0.010   | -2.9768  | 40.0  |
| Acetophenone                | 2.463 | 2.335  | 0.060   | -5.212   | 20.0  |
| 4-Methylphenol              | 1.634 | 1.639  | 0.010   | 0.3087   | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.437 | 1.300  | 0.050   | -9.4815  | 30.0  |
| Hexachloroethane            | 0.508 | 0.519  | 0.100   | 2.1365   | 20.0  |
| Nitrobenzene                | 0.434 | 0.428  | 0.050   | -1.3692  | 25.0  |
| Isophorone                  | 0.915 | 0.830  | 0.050   | -9.2977  | 25.0  |
| 2-Nitrophenol               | 0.180 | 0.184  | 0.050   | 2.5228   | 25.0  |
| 2,4-Dimethylphenol          | 0.392 | 0.420  | 0.050   | 7.1086   | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.441 | 0.417  | 0.050   | -5.4615  | 20.0  |
| 2,4-Dichlorophenol          | 0.336 | 0.362  | 0.060   | 7.8046   | 20.0  |
| Naphthalene                 | 1.023 | 1.057  | 0.200   | 3.245    | 20.0  |
| 4-Chloroaniline             | 0.445 | 0.437  | 0.010   | -1.6488  | 40.0  |
| Hexachlorobutadiene         | 0.322 | 0.328  | 0.040   | 2.0659   | 30.0  |
| Caprolactam                 | 0.140 | 0.134  | 0.010   | -3.7515  | 40.0  |
| 4-Chloro-3-methylphenol     | 0.403 | 0.431  | 0.040   | 6.7862   | 25.0  |
| 1-Methylnaphthalene         | 0.843 | 0.877  | 0.100   | 4.0256   | 20.0  |
| 2-Methylnaphthalene         | 0.811 | 0.837  | 0.100   | 3.2044   | 20.0  |
| Hexachlorocyclopentadiene   | 0.385 | 0.288  | 0.010   | -25.162  | 40.0  |
| 2,4,6-Trichlorophenol       | 0.381 | 0.414  | 0.090   | 8.7365   | 25.0  |
| 2,4,5-Trichlorophenol       | 0.413 | 0.463  | 0.100   | 12.218   | 25.0  |
| 1,1-Biphenyl                | 1.268 | 1.318  | 0.200   | 3.9429   | 20.0  |
| 2-Chloronaphthalene         | 0.987 | 1.018  | 0.300   | 3.132    | 20.0  |
| 2-Nitroaniline              | 0.337 | 0.347  | 0.050   | 2.9417   | 40.0  |
| Dimethylphthalate           | 1.502 | 1.343  | 0.300   | -10.5664 | 20.0  |
| 2,6-Dinitrotoluene          | 0.287 | 0.281  | 0.080   | -2.1617  | 30.0  |
| Acenaphthylene              | 1.527 | 1.595  | 0.400   | 4.3956   | 20.0  |
| 3-Nitroaniline              | 0.251 | 0.279  | 0.010   | 11.2458  | 40.0  |
| Acenaphthene                | 1.093 | 1.124  | 0.200   | 2.8589   | 20.0  |
| 2,4-Dinitrophenol           | 0.190 | 0.157  | 0.010   | -16.9182 | 40.0  |
| 4-Nitrophenol               | 0.279 | 0.273  | 0.010   | -2.1081  | 40.0  |
| Dibenzofuran                | 1.674 | 1.692  | 0.300   | 1.1131   | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110624 SAS No.: BG110624 SDG No.: BG110624

Instrument ID: BNA\_G Calibration Date/Time: 11/7/2024 1:07:33

Lab File ID: BG063192.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020517 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-------------------------------|-------|--------|---------|----------|-------|
| 2,4-Dinitrotoluene            | 0.455 | 0.448  | 0.070   | -1.5615  | 30.0  |
| Diethylphthalate              | 1.540 | 1.389  | 0.300   | -9.8384  | 20.0  |
| Fluorene                      | 1.416 | 1.459  | 0.200   | 3.0347   | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.910 | 0.909  | 0.100   | -0.1303  | 20.0  |
| 4-Nitroaniline                | 0.254 | 0.297  | 0.010   | 16.9759  | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.130 | 0.129  | 0.010   | -1.462   | 40.0  |
| N-Nitrosodiphenylamine        | 0.446 | 0.463  | 0.050   | 3.8353   | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.705 | 0.718  | 0.100   | 1.8067   | 20.0  |
| 4-Bromophenyl-phenylether     | 0.229 | 0.235  | 0.070   | 2.7601   | 20.0  |
| Hexachlorobenzene             | 0.244 | 0.251  | 0.050   | 2.9655   | 25.0  |
| Atrazine                      | 0.244 | 0.237  | 0.010   | -3.0512  | 25.0  |
| Pentachlorophenol             | 0.122 | 0.118  | 0.010   | -3.3873  | 40.0  |
| Phenanthrene                  | 0.914 | 0.955  | 0.200   | 4.4585   | 20.0  |
| Pentachlorobenzene            | 0.276 | 0.302  | 0.050   | 9.5859   | 20.0  |
| Anthracene                    | 0.936 | 0.993  | 0.200   | 6.0998   | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.259 | 0.286  | 0.050   | 10.6045  | 20.0  |
| Carbazole                     | 0.777 | 0.806  | 0.050   | 3.6772   | 40.0  |
| Di-n-butylphthalate           | 0.884 | 0.906  | 0.500   | 2.484    | 25.0  |
| Fluoranthene                  | 1.084 | 1.176  | 0.400   | 8.5371   | 25.0  |
| Pyrene                        | 1.149 | 1.233  | 0.400   | 7.2861   | 25.0  |
| Butylbenzylphthalate          | 0.336 | 0.380  | 0.100   | 13.0362  | 40.0  |
| 3,3-Dichlorobenzidine         | 0.430 | 0.484  | 0.010   | 12.5875  | 40.0  |
| Benzo (a) anthracene          | 1.265 | 1.339  | 0.300   | 5.8176   | 30.0  |
| Chrysene                      | 1.179 | 1.243  | 0.200   | 5.4281   | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.489 | 0.560  | 0.200   | 14.5693  | 40.0  |
| Di-n-octyl phthalate          | 0.788 | 0.891  | 0.010   | 13.0861  | 40.0  |
| Benzo (b) fluoranthene        | 1.203 | 1.263  | 0.200   | 4.964    | 25.0  |
| Benzo (k) fluoranthene        | 1.199 | 1.242  | 0.200   | 3.6122   | 25.0  |
| Benzo (a) pyrene              | 1.113 | 1.151  | 0.200   | 3.4176   | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.365 | 1.428  | 0.200   | 4.5833   | 25.0  |
| Dibenzo (a,h) anthracene      | 1.113 | 1.174  | 0.200   | 5.4409   | 30.0  |
| Benzo (g,h,i) perylene        | 1.035 | 1.089  | 0.200   | 5.2416   | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.427 | 0.462  | 0.040   | 8.1124   | 20.0  |
| 1,4-Dioxane-d8                | 0.442 | 0.374  | 0.010   | -15.4119 | 25.0  |
| Pyridine-d5                   | 1.462 | 1.278  | 0.010   | -12.5496 | 40.0  |
| Phenol-d5                     | 1.805 | 1.817  | 0.010   | 0.6927   | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.059 | 0.979  | 0.050   | -7.4921  | 25.0  |
| 2-Chlorophenol-d4             | 1.171 | 1.230  | 0.200   | 5.0366   | 20.0  |
| 4-Methylphenol-d8             | 1.530 | 1.533  | 0.010   | 0.2063   | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110624 SAS No.: BG110624 SDG No.: BG110624

Instrument ID: BNA\_G Calibration Date/Time: 11/7/2024 1:07:33

Lab File ID: BG063192.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020517 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-------------------------------|-------|--------|------------|---------|-------|
| Nitrobenzene-d5               | 0.141 | 0.144  | 0.050      | 2.3157  | 20.0  |
| 2-Nitrophenol-d4              | 0.182 | 0.186  | 0.050      | 2.5548  | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.357 | 0.384  | 0.060      | 7.6687  | 20.0  |
| 4-Chloroaniline-d4            | 0.465 | 0.456  | 0.010      | -1.773  | 40.0  |
| Dimethylphthalate-d6          | 1.567 | 1.401  | 0.300      | -10.592 | 20.0  |
| Acenaphthylene-d8             | 1.533 | 1.582  | 0.400      | 3.175   | 20.0  |
| 4-Nitrophenol-d4              | 0.214 | 0.217  | 0.010      | 1.367   | 40.0  |
| Fluorene-d10                  | 1.322 | 1.337  | 0.100      | 1.1093  | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.126 | 0.121  | 0.010      | -3.3893 | 40.0  |
| Anthracene-d10                | 0.860 | 0.897  | 0.300      | 4.3574  | 20.0  |
| Pyrene-d10                    | 1.003 | 1.050  | 0.300      | 4.6946  | 25.0  |
| Benzo(a)pyrene-d12            | 0.966 | 0.997  | 0.010      | 3.2593  | 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.: BG110624 SAS No.: BG110624 SDG No.: BG110624

Instrument ID: BNA\_G Calibration Date/Time: 11/6/2024 1:16:54

Lab File ID: BG063171.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SICV416 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFICV | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.545 | 0.406  | 0.010   | -25.4469 | 40.0  |
| Benzaldehyde                | 0.997 | 0.924  | 0.010   | -7.3717  | 40.0  |
| Pyridine                    | 1.492 | 1.185  | 0.010   | -20.5593 | 40.0  |
| Phenol                      | 1.967 | 1.772  | 0.080   | -9.9184  | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.338 | 1.297  | 0.100   | -3.0381  | 20.0  |
| 2-Chlorophenol              | 1.253 | 1.189  | 0.200   | -5.0751  | 20.0  |
| 2-Methylphenol              | 1.437 | 1.355  | 0.010   | -5.6438  | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 1.691 | 1.588  | 0.010   | -6.0678  | 40.0  |
| Acetophenone                | 2.463 | 2.394  | 0.060   | -2.8169  | 20.0  |
| 4-Methylphenol              | 1.634 | 1.509  | 0.010   | -7.61    | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.437 | 1.426  | 0.050   | -0.7071  | 30.0  |
| Hexachloroethane            | 0.508 | 0.481  | 0.100   | -5.3286  | 20.0  |
| Nitrobenzene                | 0.434 | 0.412  | 0.050   | -4.8579  | 25.0  |
| Isophorone                  | 0.915 | 0.877  | 0.050   | -4.134   | 25.0  |
| 2-Nitrophenol               | 0.180 | 0.176  | 0.050   | -2.2478  | 25.0  |
| 2,4-Dimethylphenol          | 0.392 | 0.334  | 0.050   | -14.7504 | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.441 | 0.412  | 0.050   | -6.5029  | 20.0  |
| 2,4-Dichlorophenol          | 0.336 | 0.335  | 0.060   | -0.4962  | 20.0  |
| Naphthalene                 | 1.023 | 0.962  | 0.200   | -5.9954  | 20.0  |
| 4-Chloroaniline             | 0.445 | 0.445  | 0.010   | 0.0206   | 40.0  |
| Hexachlorobutadiene         | 0.322 | 0.306  | 0.040   | -4.7766  | 30.0  |
| Caprolactam                 | 0.140 | 0.138  | 0.010   | -0.9347  | 40.0  |
| 4-Chloro-3-methylphenol     | 0.403 | 0.392  | 0.040   | -2.7452  | 25.0  |
| 1-Methylnaphthalene         | 0.843 | 0.767  | 0.100   | -9.1011  | 20.0  |
| 2-Methylnaphthalene         | 0.811 | 0.793  | 0.100   | -2.2308  | 20.0  |
| Hexachlorocyclopentadiene   | 0.385 | 0.298  | 0.010   | -22.5152 | 40.0  |
| 2,4,6-Trichlorophenol       | 0.381 | 0.400  | 0.090   | 4.9901   | 25.0  |
| 2,4,5-Trichlorophenol       | 0.413 | 0.437  | 0.100   | 5.9685   | 25.0  |
| 1,1-Biphenyl                | 1.268 | 1.256  | 0.200   | -0.9623  | 20.0  |
| 2-Chloronaphthalene         | 0.987 | 0.954  | 0.300   | -3.351   | 20.0  |
| 2-Nitroaniline              | 0.337 | 0.339  | 0.050   | 0.6541   | 40.0  |
| Dimethylphthalate           | 1.502 | 1.437  | 0.300   | -4.3482  | 20.0  |
| 2,6-Dinitrotoluene          | 0.287 | 0.301  | 0.080   | 4.8499   | 30.0  |
| Acenaphthylene              | 1.527 | 1.537  | 0.400   | 0.6159   | 20.0  |
| 3-Nitroaniline              | 0.251 | 0.287  | 0.010   | 14.1941  | 40.0  |
| Acenaphthene                | 1.093 | 1.080  | 0.200   | -1.1941  | 20.0  |
| 2,4-Dinitrophenol           | 0.190 | 0.175  | 0.010   | -7.6159  | 40.0  |
| 4-Nitrophenol               | 0.279 | 0.288  | 0.010   | 3.2257   | 40.0  |
| Dibenzofuran                | 1.674 | 1.669  | 0.300   | -0.2977  | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110624 SAS No.: BG110624 SDG No.: BG110624

Instrument ID: BNA\_G Calibration Date/Time: 11/6/2024 1:16:54

Lab File ID: BG063171.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SICV416 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFICV | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| 2,4-Dinitrotoluene            | 0.455 | 0.448  | 0.070      | -1.4002  | 30.0  |
| Diethylphthalate              | 1.540 | 1.508  | 0.300      | -2.1087  | 20.0  |
| Fluorene                      | 1.416 | 1.398  | 0.200      | -1.3305  | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.910 | 0.894  | 0.100      | -1.831   | 20.0  |
| 4-Nitroaniline                | 0.254 | 0.301  | 0.010      | 18.6961  | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.130 | 0.127  | 0.010      | -2.8614  | 40.0  |
| N-Nitrosodiphenylamine        | 0.446 | 0.443  | 0.050      | -0.6492  | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.705 | 0.686  | 0.100      | -2.7433  | 20.0  |
| 4-Bromophenyl-phenylether     | 0.229 | 0.225  | 0.070      | -1.5725  | 20.0  |
| Hexachlorobenzene             | 0.244 | 0.233  | 0.050      | -4.3402  | 25.0  |
| Atrazine                      | 0.244 | 0.233  | 0.010      | -4.3637  | 25.0  |
| Pentachlorophenol             | 0.122 | 0.105  | 0.010      | -14.1367 | 40.0  |
| Phenanthrene                  | 0.914 | 0.899  | 0.200      | -1.6542  | 20.0  |
| Pentachlorobenzene            | 0.276 | 0.275  | 0.050      | -0.4308  | 20.0  |
| Anthracene                    | 0.936 | 0.937  | 0.200      | 0.0428   | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.259 | 0.242  | 0.050      | -6.2476  | 20.0  |
| Carbazole                     | 0.777 | 0.809  | 0.050      | 4.1101   | 40.0  |
| Di-n-butylphthalate           | 0.884 | 0.858  | 0.500      | -2.9793  | 25.0  |
| Fluoranthene                  | 1.084 | 1.097  | 0.400      | 1.2176   | 25.0  |
| Pyrene                        | 1.149 | 1.158  | 0.400      | 0.8146   | 25.0  |
| Butylbenzylphthalate          | 0.336 | 0.340  | 0.100      | 1.3194   | 40.0  |
| 3,3-Dichlorobenzidine         | 0.430 | 0.477  | 0.010      | 10.827   | 40.0  |
| Benzo (a) anthracene          | 1.265 | 1.247  | 0.300      | -1.4033  | 30.0  |
| Chrysene                      | 1.179 | 1.169  | 0.200      | -0.9102  | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.489 | 0.490  | 0.200      | 0.252    | 40.0  |
| Di-n-octyl phthalate          | 0.788 | 0.789  | 0.010      | 0.1662   | 40.0  |
| Benzo (b) fluoranthene        | 1.203 | 1.179  | 0.200      | -2.0418  | 25.0  |
| Benzo (k) fluoranthene        | 1.199 | 1.135  | 0.200      | -5.3351  | 25.0  |
| Benzo (a) pyrene              | 1.113 | 1.106  | 0.200      | -0.61    | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.365 | 1.324  | 0.200      | -3.038   | 25.0  |
| Dibenzo (a,h) anthracene      | 1.113 | 1.094  | 0.200      | -1.6761  | 30.0  |
| Benzo (g,h,i) perylene        | 1.035 | 0.983  | 0.200      | -5.0483  | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.427 | 0.473  | 0.040      | 10.6396  | 20.0  |
| 1,4-Dioxane-d8                | 0.442 | 0.356  | 0.010      | -19.5339 | 25.0  |
| Pyridine-d5                   | 1.462 | 1.343  | 0.010      | -8.1246  | 40.0  |
| Phenol-d5                     | 1.805 | 1.658  | 0.010      | -8.1285  | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.059 | 1.149  | 0.050      | 8.5212   | 25.0  |
| 2-Chlorophenol-d4             | 1.171 | 1.170  | 0.200      | -0.1057  | 20.0  |
| 4-Methylphenol-d8             | 1.530 | 1.446  | 0.010      | -5.5005  | 20.0  |



7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110624 SAS No.: BG110624 SDG No.: BG110624

Instrument ID: BNA\_G Calibration Date/Time: 11/6/2024 1:16:54

Lab File ID: BG063171.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SICV416 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFICV | MIN<br>RRF | %D      | MAX%D |
|-------------------------------|-------|--------|------------|---------|-------|
| Nitrobenzene-d5               | 0.141 | 0.138  | 0.050      | -1.9657 | 20.0  |
| 2-Nitrophenol-d4              | 0.182 | 0.174  | 0.050      | -4.0351 | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.357 | 0.357  | 0.060      | -0.0079 | 20.0  |
| 4-Chloroaniline-d4            | 0.465 | 0.448  | 0.010      | -3.5042 | 40.0  |
| Dimethylphthalate-d6          | 1.567 | 1.545  | 0.300      | -1.3705 | 20.0  |
| Acenaphthylene-d8             | 1.533 | 1.560  | 0.400      | 1.7457  | 20.0  |
| 4-Nitrophenol-d4              | 0.214 | 0.223  | 0.010      | 3.8566  | 40.0  |
| Fluorene-d10                  | 1.322 | 1.325  | 0.100      | 0.2361  | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.126 | 0.121  | 0.010      | -3.6291 | 40.0  |
| Anthracene-d10                | 0.860 | 0.852  | 0.300      | -0.8547 | 20.0  |
| Pyrene-d10                    | 1.003 | 1.021  | 0.300      | 1.7995  | 25.0  |
| Benzo(a)pyrene-d12            | 0.966 | 0.940  | 0.010      | -2.6527 | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/1/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK608      | SDG No.:        | BG110624              |
| Lab Sample ID:     | PB164608BL   | 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 |
| BG063172.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 27    | U         | 27  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 58    | U         | 58  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 77    | U         | 77  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 30    | U         | 30  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 29    | U         | 29  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 31    | U         | 31  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 40    | U         | 40  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 66    | U         | 66  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 53    | U         | 53  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 79    | U         | 79  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 61    | U         | 61  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 64    | U         | 64  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 66    | U         | 66  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 60    | U         | 60  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 38    | U         | 38  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 36    | U         | 36  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 35    | U         | 35  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 64    | U         | 64  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 97    | U         | 97  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 33    | U         | 33  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/1/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK608      | SDG No.:        | BG110624              |
| Lab Sample ID:     | PB164608BL   | 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 |
| BG063172.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 30    | U         | 30  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 20    | U         | 20  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 29    | U         | 29  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 66    | U         | 66  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 130   | U         | 130 | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 44    | U         | 44  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 35    | U         | 35  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 20    | U         | 20  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 24    | U         | 24  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 38    | U         | 38  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 28    | U         | 28  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 88    | U         | 88  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 37    | U         | 37  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 25    | U         | 25  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 17    | U         | 17  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 34    | U         | 34  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 19    | U         | 19  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/1/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK608      | SDG No.:        | BG110624              |
| Lab Sample ID:     | PB164608BL   | 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 |
| BG063172.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 18     | U         | 18     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 22     | U         | 22     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 52     | U         | 52     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 23     | U         | 23     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 24     | U         | 24     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 25     | U         | 25     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 48     | U         | 48     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 38     | U         | 38     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 31     | U         | 31     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 28     | U         | 28     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 26     | U         | 26     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 32     | U         | 32     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 36     | U         | 36     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.598  |           | 15-120 |      | 57         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 23.824 |           | 20-120 |      | 60         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 22.494 |           | 10-130 |      | 56         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 24.723 |           | 10-150 |      | 62         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 23.892 |           | 15-120 |      | 60         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 22.839 |           | 10-140 |      | 57         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 24.558 |           | 10-135 |      | 61         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 25.104 |           | 10-120 |      | 63         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 22.121 |           | 10-140 |      | 55         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.16  |           | 1-145  |      | 60         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 27.443 |           | 10-145 |      | 69         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 25.361 |           | 15-120 |      | 63         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 22.804 |           | 10-150 |      | 57         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.784 |           | 20-140 |      | 64         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/1/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK608      | SDG No.:        | BG110624              |
| Lab Sample ID:     | PB164608BL   | 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 |
| BG063172.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 21.784  |           | 10-130 |     | 54         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 26.318  |           | 10-150 |     | 66         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 27.004  |           | 10-130 |     | 68         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 25.958  |           | 10-140 |     | 65         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 64945   | 7.841     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 294280  | 10.626    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 285934  | 14.474    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 812102  | 17.224    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 966093  | 21.478    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1043945 | 24.509    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 26      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | C0PI9     | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-05  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 13.1                   |
| 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 |
| BG063173.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 31    | U         | 31  | 7.6  | 77         | ug/Kg |
| 110-86-1       | Pyridine                    | 89    | U         | 89  | 190  | 380        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 67    | U         | 67  | 94.9 | 380        | ug/Kg |
| 108-95-2       | Phenol                      | 35    | U         | 35  | 94.9 | 380        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 33    | U         | 33  | 94.9 | 380        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 32    | U         | 32  | 48.9 | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 36    | U         | 36  | 94.9 | 380        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 46    | U         | 46  | 94.9 | 380        | ug/Kg |
| 98-86-2        | Acetophenone                | 76    | U         | 76  | 94.9 | 380        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 61    | U         | 61  | 94.9 | 380        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 91    | U         | 91  | 48.9 | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 70    | U         | 70  | 48.9 | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 74    | U         | 74  | 48.9 | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 76    | U         | 76  | 48.9 | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 69    | U         | 69  | 48.9 | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 37    | U         | 37  | 48.9 | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 52    | U         | 52  | 48.9 | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 44    | U         | 44  | 48.9 | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 28    | U         | 28  | 48.9 | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 41    | U         | 41  | 48.9 | 380        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 40    | U         | 40  | 48.9 | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 74    | U         | 74  | 94.9 | 380        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 47    | U         | 47  | 48.9 | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 28    | U         | 28  | 48.9 | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 37    | U         | 37  | 48.9 | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 110   | U         | 110 | 94.9 | 380        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 28    | U         | 28  | 48.9 | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 38    | U         | 38  | 48.9 | 200        | ug/Kg |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | C0PI9     | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-05  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 13.1                   |
| 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 |
| BG063173.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 30    | U         | 30  | 48.9 | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 38    | U         | 38  | 48.9 | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 52    | U         | 52  | 48.9 | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 35    | U         | 35  | 48.9 | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 23    | U         | 23  | 48.9 | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 33    | U         | 33  | 48.9 | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 76    | U         | 76  | 94.9 | 380        | ug/Kg |
| 83-32-9    | Acenaphthene               | 30    | U         | 30  | 48.9 | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 150   | U         | 150 | 94.9 | 380        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 51    | U         | 51  | 94.9 | 380        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 31    | U         | 31  | 48.9 | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 40    | U         | 40  | 48.9 | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 38    | U         | 38  | 48.9 | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 31    | U         | 31  | 48.9 | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 23    | U         | 23  | 48.9 | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 28    | U         | 28  | 94.9 | 380        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 44    | U         | 44  | 94.9 | 380        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 28    | U         | 28  | 48.9 | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 39    | U         | 39  | 48.9 | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 30    | U         | 30  | 48.9 | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 32    | U         | 32  | 48.9 | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 32    | U         | 32  | 94.9 | 380        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 100   | U         | 100 | 94.9 | 380        | ug/Kg |
| 85-01-8    | Phenanthrene               | 31    | U         | 31  | 48.9 | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 43    | U         | 43  | 48.9 | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 29    | U         | 29  | 48.9 | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 20    | U         | 20  | 48.9 | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 39    | U         | 39  | 94.9 | 380        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 31    | U         | 31  | 48.9 | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 22    | U         | 22  | 94.9 | 200        | ug/Kg |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | C0PI9     | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-05  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 13.1                   |
| Sample Wt/Vol:     | 30        | 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 |
| BG063173.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 21     | U         | 21     | 48.9 | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 25     | U         | 25     | 48.9 | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 60     | U         | 60     | 94.9 | 380        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 26     | U         | 26     | 48.9 | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 28     | U         | 28     | 48.9 | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 29     | U         | 29     | 48.9 | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 55     | U         | 55     | 94.9 | 380        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 43     | U         | 43     | 48.9 | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 44     | U         | 44     | 48.9 | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 36     | U         | 36     | 48.9 | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 32     | U         | 32     | 48.9 | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 30     | U         | 30     | 48.9 | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 37     | U         | 37     | 48.9 | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 41     | U         | 41     | 48.9 | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.772  |           | 15-120 |      | 72         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 16.13  |           | 20-120 |      | 40         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 34.326 |           | 10-130 |      | 86         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 36.002 |           | 10-150 |      | 90         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 36.467 |           | 15-120 |      | 91         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 36.059 |           | 10-140 |      | 90         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 36.832 |           | 10-135 |      | 92         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 37.17  |           | 10-120 |      | 93         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 36.348 |           | 10-140 |      | 91         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 36.047 |           | 1-145  |      | 90         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 41.523 |           | 10-145 |      | 104        | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 39.632 |           | 15-120 |      | 99         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 38.247 |           | 10-150 |      | 96         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 40.394 |           | 20-140 |      | 101        | SPK: -40 |



## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | C0P19        | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-05     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 13.1                   |
| 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 |
| BG063173.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 35.944 |           | 10-130 |     | 90         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 40.424 |           | 10-150 |     | 101        | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 42.57  |           | 10-130 |     | 106        | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 41.445 |           | 10-140 |     | 104        | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 57811  | 7.836     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 262549 | 10.627    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 252850 | 14.475    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 707638 | 17.225    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 792423 | 21.479    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 856112 | 24.51     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                       | 260    | J         |        |     | 15.832     |          |
| 000638-53-9                           | Tridecanoic acid                   | 130    | J         |        |     | 18.13      |          |
| 1000406-04-8                          | Pentadecafluorooctanoic acid, octa | 110    | J         |        |     | 21.144     |          |
| E966796                               | Total Alkanes                      | 30     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | C0PI6        | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-03     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.5                   |
| Sample Wt/Vol:     | 30.1         | Units:          | g                      |
| Soil Aliquot Vol:  |              | Final Vol:      | 500                    |
|                    |              |                 | uL                     |
| Extraction Type :  |              | Test:           |                        |
|                    | Decanted :   | Level :         | LOW                    |
| Injection Volume : |              | GPC Cleanup :   | PH :                   |
|                    | GPC Factor : |                 |                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063174.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 31    | U         | 31  | 7.7  | 78         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 68    | U         | 68  | 96.2 | 380        | ug/Kg |
| 110-86-1       | Pyridine                    | 90    | U         | 90  | 190  | 380        | ug/Kg |
| 108-95-2       | Phenol                      | 35    | U         | 35  | 96.2 | 380        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 34    | U         | 34  | 96.2 | 380        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 33    | U         | 33  | 49.5 | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 36    | U         | 36  | 96.2 | 380        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 47    | U         | 47  | 96.2 | 380        | ug/Kg |
| 98-86-2        | Acetophenone                | 77    | U         | 77  | 96.2 | 380        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 62    | U         | 62  | 96.2 | 380        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 92    | U         | 92  | 49.5 | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 71    | U         | 71  | 49.5 | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 75    | U         | 75  | 49.5 | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 77    | U         | 77  | 49.5 | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 70    | U         | 70  | 49.5 | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 37    | U         | 37  | 49.5 | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 52    | U         | 52  | 49.5 | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 44    | U         | 44  | 49.5 | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 28    | U         | 28  | 49.5 | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 42    | U         | 42  | 49.5 | 380        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 41    | U         | 41  | 49.5 | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 75    | U         | 75  | 96.2 | 380        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 48    | U         | 48  | 49.5 | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 28    | U         | 28  | 49.5 | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 37    | U         | 37  | 49.5 | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 110   | U         | 110 | 96.2 | 380        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 28    | U         | 28  | 49.5 | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 38    | U         | 38  | 49.5 | 200        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 10/22/2024 12:00:00 AM      |
| Project:           |                       | Date Received:  | 10/22/2024 12:00:00 AM      |
| Client Sample ID:  | C0PI6                 | SDG No.:        | BG110624                    |
| Lab Sample ID:     | P4634-03              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 14.5                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063174.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 30    | U         | 30  | 49.5 | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 38    | U         | 38  | 49.5 | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 52    | U         | 52  | 49.5 | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 35    | U         | 35  | 49.5 | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 23    | U         | 23  | 49.5 | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 34    | U         | 34  | 49.5 | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 77    | U         | 77  | 96.2 | 380        | ug/Kg |
| 83-32-9    | Acenaphthene               | 30    | U         | 30  | 49.5 | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 150   | U         | 150 | 96.2 | 380        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 51    | U         | 51  | 96.2 | 380        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 31    | U         | 31  | 49.5 | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 41    | U         | 41  | 49.5 | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 38    | U         | 38  | 49.5 | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 31    | U         | 31  | 49.5 | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 23    | U         | 23  | 49.5 | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 28    | U         | 28  | 96.2 | 380        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 44    | U         | 44  | 96.2 | 380        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 28    | U         | 28  | 49.5 | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 40    | U         | 40  | 49.5 | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 30    | U         | 30  | 49.5 | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 33    | U         | 33  | 49.5 | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 33    | U         | 33  | 96.2 | 380        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 100   | U         | 100 | 96.2 | 380        | ug/Kg |
| 85-01-8    | Phenanthrene               | 31    | U         | 31  | 49.5 | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 43    | U         | 43  | 49.5 | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 29    | U         | 29  | 49.5 | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 20    | U         | 20  | 49.5 | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 40    | U         | 40  | 96.2 | 380        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 31    | U         | 31  | 49.5 | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 22    | U         | 22  | 96.2 | 200        | ug/Kg |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | C0PI6     | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-03  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 14.5                   |
| Sample Wt/Vol:     | 30.1      | Units:          | g                      |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                    |
|                    |           | Test:           | uL                     |
| Extraction Type :  |           | Decanted :      | Level :                |
|                    |           |                 | LOW                    |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :          |
|                    |           |                 | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063174.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 21     | U         | 21     | 49.5 | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 26     | U         | 26     | 49.5 | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 61     | U         | 61     | 96.2 | 380        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 27     | U         | 27     | 49.5 | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 28     | U         | 28     | 49.5 | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 29     | U         | 29     | 49.5 | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 56     | U         | 56     | 96.2 | 380        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 43     | U         | 43     | 49.5 | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 44     | U         | 44     | 49.5 | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 36     | U         | 36     | 49.5 | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 33     | U         | 33     | 49.5 | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 30     | U         | 30     | 49.5 | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 37     | U         | 37     | 49.5 | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 42     | U         | 42     | 49.5 | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.477  |           | 15-120 |      | 56         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 5.723  | *         | 20-120 |      | 14         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 27.807 |           | 10-130 |      | 70         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 29.966 |           | 10-150 |      | 75         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 30.606 |           | 15-120 |      | 77         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 29.418 |           | 10-140 |      | 74         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 32.349 |           | 10-135 |      | 81         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 29.798 |           | 10-120 |      | 74         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 29.177 |           | 10-140 |      | 73         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.092 |           | 1-145  |      | 58         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 32.739 |           | 10-145 |      | 82         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 33.687 |           | 15-120 |      | 84         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 27.495 |           | 10-150 |      | 69         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 34.971 |           | 20-140 |      | 87         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                        |
|--------------------|--------------------|-----------------|------------------------|
| Client:            |                    | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | C0PI6              | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-03           | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 14.5                   |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL            |
| Soil Aliquot Vol:  | uL                 | Test:           |                        |
| Extraction Type :  | Decanted :         | Level :         | LOW                    |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063174.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 27.365 |           | 10-130 |     | 68         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 34.868 |           | 10-150 |     | 87         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 37.118 |           | 10-130 |     | 93         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 35.532 |           | 10-140 |     | 89         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 59704  | 7.836     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 271369 | 10.627    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 263653 | 14.475    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 724625 | 17.225    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 810376 | 21.473    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 874526 | 24.505    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 300    | J         |        |     | 15.833     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 80     | J         |        |     | 18.124     |          |
| 1000130-97-9                          | E-15-Heptadecenal             | 110    | J         |        |     | 21.144     |          |
| E966796                               | Total Alkanes                 | 30     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                        |
|--------------------|-----------------------|-----------------|------------------------|
| Client:            |                       | Date Collected: | 10/23/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 10/23/2024 12:00:00 AM |
| Client Sample ID:  | CC0R5                 | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-16              | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 4.6                    |
| 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 |
| BG063175.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 28    | U         | 28  | 6.9  | 70         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 61    | U         | 61  | 86.2 | 340        | ug/Kg |
| 110-86-1       | Pyridine                    | 80    | U         | 80  | 170  | 340        | ug/Kg |
| 108-95-2       | Phenol                      | 31    | U         | 31  | 86.2 | 340        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 30    | U         | 30  | 86.2 | 340        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 29    | U         | 29  | 44.4 | 180        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 32    | U         | 32  | 86.2 | 340        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 42    | U         | 42  | 86.2 | 340        | ug/Kg |
| 98-86-2        | Acetophenone                | 69    | U         | 69  | 86.2 | 340        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 55    | U         | 55  | 86.2 | 340        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 83    | U         | 83  | 44.4 | 180        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 64    | U         | 64  | 44.4 | 180        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 67    | U         | 67  | 44.4 | 180        | ug/Kg |
| 78-59-1        | Isophorone                  | 69    | U         | 69  | 44.4 | 180        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 63    | U         | 63  | 44.4 | 180        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 33    | U         | 33  | 44.4 | 180        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 47    | U         | 47  | 44.4 | 180        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 40    | U         | 40  | 44.4 | 180        | ug/Kg |
| 91-20-3        | Naphthalene                 | 25    | U         | 25  | 44.4 | 180        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 38    | U         | 38  | 44.4 | 340        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 37    | U         | 37  | 44.4 | 180        | ug/Kg |
| 105-60-2       | Caprolactam                 | 67    | U         | 67  | 86.2 | 340        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 43    | U         | 43  | 44.4 | 180        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 25    | U         | 25  | 44.4 | 180        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 33    | U         | 33  | 44.4 | 180        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 100   | U         | 100 | 86.2 | 340        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 25    | U         | 25  | 44.4 | 180        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 34    | U         | 34  | 44.4 | 180        | ug/Kg |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/23/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/23/2024 12:00:00 AM |
| Client Sample ID:  | CC0R5     | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-16  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 4.6                    |
| 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 |
| BG063175.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 27    | U         | 27  | 44.4 | 180        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 34    | U         | 34  | 44.4 | 180        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 47    | U         | 47  | 44.4 | 180        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 31    | U         | 31  | 44.4 | 180        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 21    | U         | 21  | 44.4 | 180        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 30    | U         | 30  | 44.4 | 180        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 69    | U         | 69  | 86.2 | 340        | ug/Kg |
| 83-32-9    | Acenaphthene               | 27    | U         | 27  | 44.4 | 180        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 140   | U         | 140 | 86.2 | 340        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 46    | U         | 46  | 86.2 | 340        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 28    | U         | 28  | 44.4 | 180        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 37    | U         | 37  | 44.4 | 180        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 34    | U         | 34  | 44.4 | 180        | ug/Kg |
| 86-73-7    | Fluorene                   | 28    | U         | 28  | 44.4 | 180        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 21    | U         | 21  | 44.4 | 180        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 25    | U         | 25  | 86.2 | 340        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 40    | U         | 40  | 86.2 | 340        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 25    | U         | 25  | 44.4 | 180        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 36    | U         | 36  | 44.4 | 180        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 27    | U         | 27  | 44.4 | 180        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 29    | U         | 29  | 44.4 | 180        | ug/Kg |
| 1912-24-9  | Atrazine                   | 29    | U         | 29  | 86.2 | 340        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 92    | U         | 92  | 86.2 | 340        | ug/Kg |
| 85-01-8    | Phenanthrene               | 28    | U         | 28  | 44.4 | 180        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 39    | U         | 39  | 44.4 | 180        | ug/Kg |
| 120-12-7   | Anthracene                 | 26    | U         | 26  | 44.4 | 180        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 18    | U         | 18  | 44.4 | 180        | ug/Kg |
| 86-74-8    | Carbazole                  | 36    | U         | 36  | 86.2 | 340        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 28    | U         | 28  | 44.4 | 180        | ug/Kg |
| 206-44-0   | Fluoranthene               | 20    | U         | 20  | 86.2 | 180        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                        |
|--------------------|-----------------------|-----------------|------------------------|
| Client:            |                       | Date Collected: | 10/23/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 10/23/2024 12:00:00 AM |
| Client Sample ID:  | CC0R5                 | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-16              | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 4.6                    |
| 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 |
| BG063175.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 19     | U         | 19     | 44.4 | 180        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 23     | U         | 23     | 44.4 | 180        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 54     | U         | 54     | 86.2 | 340        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 24     | U         | 24     | 44.4 | 180        | ug/Kg    |
| 218-01-9          | Chrysene                    | 25     | U         | 25     | 44.4 | 180        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 26     | U         | 26     | 44.4 | 180        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 50     | U         | 50     | 86.2 | 340        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 39     | U         | 39     | 44.4 | 180        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 40     | U         | 40     | 44.4 | 180        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 32     | U         | 32     | 44.4 | 180        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 29     | U         | 29     | 44.4 | 180        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 27     | U         | 27     | 44.4 | 180        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 33     | U         | 33     | 44.4 | 180        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 38     | U         | 38     | 44.4 | 180        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.433  |           | 15-120 |      | 55         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 17.468 |           | 20-120 |      | 44         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 22.599 |           | 10-130 |      | 56         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 24.411 |           | 10-150 |      | 61         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 23.957 |           | 15-120 |      | 60         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 23.771 |           | 10-140 |      | 59         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 24.307 |           | 10-135 |      | 61         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 24.535 |           | 10-120 |      | 61         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 23.547 |           | 10-140 |      | 59         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.704 |           | 1-145  |      | 59         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.103 |           | 10-145 |      | 65         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 25.876 |           | 15-120 |      | 65         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 23.06  |           | 10-150 |      | 58         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.99  |           | 20-140 |      | 65         | SPK: -40 |



## Report of Analysis

|                    |                       |                 |                        |
|--------------------|-----------------------|-----------------|------------------------|
| Client:            |                       | Date Collected: | 10/23/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 10/23/2024 12:00:00 AM |
| Client Sample ID:  | CC0R5                 | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-16              | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 4.6                    |
| 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 |
| BG063175.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 20.785 |           | 10-130 |     | 52         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 25.719 |           | 10-150 |     | 64         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 27.704 |           | 10-130 |     | 69         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 26.078 |           | 10-140 |     | 65         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 61979  | 7.842     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 290673 | 10.627    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 292516 | 14.475    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 805011 | 17.225    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 874656 | 21.479    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 950982 | 24.51     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 210    | J         |        |     | 15.832     |          |
| 000638-53-9                           | Tridecanoic acid              | 90     | J         |        |     | 18.13      |          |
| E966796                               | Total Alkanes                 | 27     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/1/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK608      | SDG No.:        | BG110624              |
| Lab Sample ID:     | PB164608BL   | 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 |
| BG063177.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 27    | U         | 27  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 58    | U         | 58  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 77    | U         | 77  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 30    | U         | 30  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 29    | U         | 29  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 31    | U         | 31  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 40    | U         | 40  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 66    | U         | 66  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 53    | U         | 53  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 79    | U         | 79  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 61    | U         | 61  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 64    | U         | 64  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 66    | U         | 66  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 60    | U         | 60  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 38    | U         | 38  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 36    | U         | 36  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 35    | U         | 35  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 64    | U         | 64  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 97    | U         | 97  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 33    | U         | 33  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/1/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK608      | SDG No.:        | BG110624              |
| Lab Sample ID:     | PB164608BL   | 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 |
| BG063177.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 30    | U         | 30  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 20    | U         | 20  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 29    | U         | 29  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 66    | U         | 66  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 130   | U         | 130 | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 44    | U         | 44  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 35    | U         | 35  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 20    | U         | 20  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 24    | U         | 24  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 38    | U         | 38  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 28    | U         | 28  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 88    | U         | 88  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 37    | U         | 37  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 25    | U         | 25  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 17    | U         | 17  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 34    | U         | 34  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 19    | U         | 19  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/1/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK608      | SDG No.:        | BG110624              |
| Lab Sample ID:     | PB164608BL   | 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 |
| BG063177.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 18     | U         | 18     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 22     | U         | 22     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 52     | U         | 52     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 23     | U         | 23     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 24     | U         | 24     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 25     | U         | 25     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 48     | U         | 48     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 38     | U         | 38     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 31     | U         | 31     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 28     | U         | 28     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 26     | U         | 26     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 32     | U         | 32     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 36     | U         | 36     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.48   |           | 15-120 |      | 56         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 22.06  |           | 20-120 |      | 55         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 21.376 |           | 10-130 |      | 53         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 24.344 |           | 10-150 |      | 61         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.31  |           | 15-120 |      | 61         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 22.098 |           | 10-140 |      | 55         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 25.137 |           | 10-135 |      | 63         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 25.162 |           | 10-120 |      | 63         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 22.915 |           | 10-140 |      | 57         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.826 |           | 1-145  |      | 60         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 25.929 |           | 10-145 |      | 65         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 24.943 |           | 15-120 |      | 62         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 22.789 |           | 10-150 |      | 57         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.145 |           | 20-140 |      | 63         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/1/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK608      | SDG No.:        | BG110624              |
| Lab Sample ID:     | PB164608BL   | 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 |
| BG063177.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 22.466  |           | 10-130 |     | 56         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 26.266  |           | 10-150 |     | 66         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 27.002  |           | 10-130 |     | 68         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 26.336  |           | 10-140 |     | 66         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 77317   | 7.841     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 325483  | 10.626    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 319478  | 14.475    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 871542  | 17.224    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1041245 | 21.478    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1098123 | 24.51     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 26      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0Q1        | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-11     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 12                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                 |
| Soil Aliquot Vol:  | uL           | Test:           |                        |
| Extraction Type :  | Decanted :   | Level :         | LOW                    |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063178.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 31    | U         | 31  | 7.5  | 76         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 66    | U         | 66  | 93.8 | 380        | ug/Kg |
| 110-86-1       | Pyridine                    | 88    | U         | 88  | 190  | 380        | ug/Kg |
| 108-95-2       | Phenol                      | 34    | U         | 34  | 93.8 | 380        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 33    | U         | 33  | 93.8 | 380        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 32    | U         | 32  | 48.3 | 190        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 35    | U         | 35  | 93.8 | 380        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 45    | U         | 45  | 93.8 | 380        | ug/Kg |
| 98-86-2        | Acetophenone                | 75    | U         | 75  | 93.8 | 380        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 60    | U         | 60  | 93.8 | 380        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 90    | U         | 90  | 48.3 | 190        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 69    | U         | 69  | 48.3 | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 73    | U         | 73  | 48.3 | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 75    | U         | 75  | 48.3 | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 68    | U         | 68  | 48.3 | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 36    | U         | 36  | 48.3 | 190        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 51    | U         | 51  | 48.3 | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 43    | U         | 43  | 48.3 | 190        | ug/Kg |
| 91-20-3        | Naphthalene                 | 27    | U         | 27  | 48.3 | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 41    | U         | 41  | 48.3 | 380        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 40    | U         | 40  | 48.3 | 190        | ug/Kg |
| 105-60-2       | Caprolactam                 | 73    | U         | 73  | 93.8 | 380        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 47    | U         | 47  | 48.3 | 190        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 27    | U         | 27  | 48.3 | 190        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 36    | U         | 36  | 48.3 | 190        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 110   | U         | 110 | 93.8 | 380        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 27    | U         | 27  | 48.3 | 190        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 38    | U         | 38  | 48.3 | 190        | ug/Kg |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0Q1        | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-11     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 12                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                 |
| Soil Aliquot Vol:  | uL           | Test:           |                        |
| Extraction Type :  | Decanted :   | Level :         | LOW                    |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063178.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 30    | U         | 30  | 48.3 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 38    | U         | 38  | 48.3 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 51    | U         | 51  | 48.3 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 34    | U         | 34  | 48.3 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 23    | U         | 23  | 48.3 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 33    | U         | 33  | 48.3 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 75    | U         | 75  | 93.8 | 380        | ug/Kg |
| 83-32-9    | Acenaphthene               | 30    | U         | 30  | 48.3 | 190        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 150   | U         | 150 | 93.8 | 380        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 50    | U         | 50  | 93.8 | 380        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 31    | U         | 31  | 48.3 | 190        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 40    | U         | 40  | 48.3 | 190        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 38    | U         | 38  | 48.3 | 190        | ug/Kg |
| 86-73-7    | Fluorene                   | 31    | U         | 31  | 48.3 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 23    | U         | 23  | 48.3 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 27    | U         | 27  | 93.8 | 380        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 43    | U         | 43  | 93.8 | 380        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 27    | U         | 27  | 48.3 | 190        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 39    | U         | 39  | 48.3 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 30    | U         | 30  | 48.3 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 32    | U         | 32  | 48.3 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                   | 32    | U         | 32  | 93.8 | 380        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 100   | U         | 100 | 93.8 | 380        | ug/Kg |
| 85-01-8    | Phenanthrene               | 31    | U         | 31  | 48.3 | 190        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 42    | U         | 42  | 48.3 | 190        | ug/Kg |
| 120-12-7   | Anthracene                 | 28    | U         | 28  | 48.3 | 190        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 19    | U         | 19  | 48.3 | 190        | ug/Kg |
| 86-74-8    | Carbazole                  | 39    | U         | 39  | 93.8 | 380        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 31    | U         | 31  | 48.3 | 190        | ug/Kg |
| 206-44-0   | Fluoranthene               | 22    | U         | 22  | 93.8 | 190        | ug/Kg |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0Q1        | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-11     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 12                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                 |
| Soil Aliquot Vol:  | uL           | Test:           |                        |
| Extraction Type :  | Decanted :   | Level :         | LOW                    |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063178.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 20     | U         | 20     | 48.3 | 190        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 25     | U         | 25     | 48.3 | 190        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 59     | U         | 59     | 93.8 | 380        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 26     | U         | 26     | 48.3 | 190        | ug/Kg    |
| 218-01-9          | Chrysene                    | 27     | U         | 27     | 48.3 | 190        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 78     | J         | 28     | 48.3 | 190        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 55     | U         | 55     | 93.8 | 380        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 42     | U         | 42     | 48.3 | 190        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 43     | U         | 43     | 48.3 | 190        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 35     | U         | 35     | 48.3 | 190        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 32     | U         | 32     | 48.3 | 190        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 30     | U         | 30     | 48.3 | 190        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 36     | U         | 36     | 48.3 | 190        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 41     | U         | 41     | 48.3 | 190        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.954  |           | 15-120 |      | 49         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 3.24   | *         | 20-120 |      | 8          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 23.217 |           | 10-130 |      | 58         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 23.286 |           | 10-150 |      | 58         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 25.26  |           | 15-120 |      | 63         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 23.869 |           | 10-140 |      | 60         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 24.67  |           | 10-135 |      | 62         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 23.93  |           | 10-120 |      | 60         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 24.488 |           | 10-140 |      | 61         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 15.435 |           | 1-145  |      | 39         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 23.321 |           | 10-145 |      | 58         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 25.009 |           | 15-120 |      | 63         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 17.669 |           | 10-150 |      | 44         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.923 |           | 20-140 |      | 65         | SPK: -40 |



## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0Q1        | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-11     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 12                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                 |
| Soil Aliquot Vol:  | uL           | Test:           |                        |
| Extraction Type :  | Decanted :   | Level :         | LOW                    |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063178.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 19.221 |           | 10-130 |     | 48         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 26.102 |           | 10-150 |     | 65         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 27.883 |           | 10-130 |     | 70         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 25.658 |           | 10-140 |     | 64         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 67399  | 7.837     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 309734 | 10.628    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 292004 | 14.477    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 778510 | 17.226    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 844310 | 21.474    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 924970 | 24.512    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 220    | J         |        |     | 15.834     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 96     | J         |        |     | 18.125     |          |
| 005337-61-1                           | 2-Octadecyl-propane-1,3-diol  | 94     | J         |        |     | 21.151     |          |
| E966796                               | Total Alkanes                 | 30     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P7        | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-09     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 12                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                 |
| Soil Aliquot Vol:  | uL           | Test:           |                        |
| Extraction Type :  | Decanted :   | Level :         | LOW                    |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063179.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 31    | U         | 31  | 7.5  | 76         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 66    | U         | 66  | 93.8 | 380        | ug/Kg |
| 110-86-1       | Pyridine                    | 88    | U         | 88  | 190  | 380        | ug/Kg |
| 108-95-2       | Phenol                      | 46    | J         | 34  | 93.8 | 380        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 33    | U         | 33  | 93.8 | 380        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 32    | U         | 32  | 48.3 | 190        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 35    | U         | 35  | 93.8 | 380        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 45    | U         | 45  | 93.8 | 380        | ug/Kg |
| 98-86-2        | Acetophenone                | 190   | J         | 75  | 93.8 | 380        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 60    | U         | 60  | 93.8 | 380        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 90    | U         | 90  | 48.3 | 190        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 69    | U         | 69  | 48.3 | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 73    | U         | 73  | 48.3 | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 75    | U         | 75  | 48.3 | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 68    | U         | 68  | 48.3 | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 36    | U         | 36  | 48.3 | 190        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 51    | U         | 51  | 48.3 | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 43    | U         | 43  | 48.3 | 190        | ug/Kg |
| 91-20-3        | Naphthalene                 | 27    | U         | 27  | 48.3 | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 41    | U         | 41  | 48.3 | 380        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 40    | U         | 40  | 48.3 | 190        | ug/Kg |
| 105-60-2       | Caprolactam                 | 73    | U         | 73  | 93.8 | 380        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 47    | U         | 47  | 48.3 | 190        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 27    | U         | 27  | 48.3 | 190        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 36    | U         | 36  | 48.3 | 190        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 110   | U         | 110 | 93.8 | 380        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 27    | U         | 27  | 48.3 | 190        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 38    | U         | 38  | 48.3 | 190        | ug/Kg |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P7     | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-09  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 12                     |
| Sample Wt/Vol:     | 30        | 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 |
| BG063179.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 30    | U         | 30  | 48.3 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 38    | U         | 38  | 48.3 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 51    | U         | 51  | 48.3 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 34    | U         | 34  | 48.3 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 23    | U         | 23  | 48.3 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 33    | U         | 33  | 48.3 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 75    | U         | 75  | 93.8 | 380        | ug/Kg |
| 83-32-9    | Acenaphthene               | 30    | U         | 30  | 48.3 | 190        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 150   | U         | 150 | 93.8 | 380        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 50    | U         | 50  | 93.8 | 380        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 31    | U         | 31  | 48.3 | 190        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 40    | U         | 40  | 48.3 | 190        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 38    | U         | 38  | 48.3 | 190        | ug/Kg |
| 86-73-7    | Fluorene                   | 31    | U         | 31  | 48.3 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 23    | U         | 23  | 48.3 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 27    | U         | 27  | 93.8 | 380        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 43    | U         | 43  | 93.8 | 380        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 27    | U         | 27  | 48.3 | 190        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 39    | U         | 39  | 48.3 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 30    | U         | 30  | 48.3 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 32    | U         | 32  | 48.3 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                   | 32    | U         | 32  | 93.8 | 380        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 100   | U         | 100 | 93.8 | 380        | ug/Kg |
| 85-01-8    | Phenanthrene               | 31    | U         | 31  | 48.3 | 190        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 42    | U         | 42  | 48.3 | 190        | ug/Kg |
| 120-12-7   | Anthracene                 | 28    | U         | 28  | 48.3 | 190        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 19    | U         | 19  | 48.3 | 190        | ug/Kg |
| 86-74-8    | Carbazole                  | 39    | U         | 39  | 93.8 | 380        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 31    | U         | 31  | 48.3 | 190        | ug/Kg |
| 206-44-0   | Fluoranthene               | 22    | U         | 22  | 93.8 | 190        | ug/Kg |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P7        | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-09     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 12                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                 |
| Soil Aliquot Vol:  | uL           | Test:           |                        |
| Extraction Type :  | Decanted :   | Level :         | LOW                    |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063179.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 20     | U         | 20     | 48.3 | 190        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 25     | U         | 25     | 48.3 | 190        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 59     | U         | 59     | 93.8 | 380        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 26     | U         | 26     | 48.3 | 190        | ug/Kg    |
| 218-01-9          | Chrysene                    | 27     | U         | 27     | 48.3 | 190        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 47     | J         | 28     | 48.3 | 190        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 55     | U         | 55     | 93.8 | 380        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 42     | U         | 42     | 48.3 | 190        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 43     | U         | 43     | 48.3 | 190        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 35     | U         | 35     | 48.3 | 190        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 32     | U         | 32     | 48.3 | 190        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 30     | U         | 30     | 48.3 | 190        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 36     | U         | 36     | 48.3 | 190        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 41     | U         | 41     | 48.3 | 190        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.783  |           | 15-120 |      | 35         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 2.852  | *         | 20-120 |      | 7          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 16.801 |           | 10-130 |      | 42         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 15.881 |           | 10-150 |      | 40         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 17.925 |           | 15-120 |      | 45         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 16.893 |           | 10-140 |      | 42         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 15.518 |           | 10-135 |      | 39         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 17.093 |           | 10-120 |      | 43         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 19.095 |           | 10-140 |      | 48         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 10.203 |           | 1-145  |      | 26         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 15.706 |           | 10-145 |      | 39         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 16.647 |           | 15-120 |      | 42         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 13.781 |           | 10-150 |      | 34         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 17.323 |           | 20-140 |      | 43         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P7        | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-09     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 12                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                 |
| Soil Aliquot Vol:  | uL           | Test:           |                        |
| Extraction Type :  | Decanted :   | Level :         | LOW                    |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063179.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 14.567 |           | 10-130 |     | 36         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 17.926 |           | 10-150 |     | 45         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 15.585 |           | 10-130 |     | 39         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 11.732 |           | 10-140 |     | 29         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 63517  | 7.838     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 307132 | 10.629    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 307503 | 14.477    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 792603 | 17.227    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 819267 | 21.475    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 881237 | 24.512    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 120    | J         |        |     | 15.834     |          |
| 000638-53-9                           | Tridecanoic acid              | 110    | J         |        |     | 18.126     |          |
| E966796                               | Total Alkanes                 | 30     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P9      | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-10   | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 11.7                   |
| 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 |
| BG063180.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 30    | U         | 30  | 7.4  | 75         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 65    | U         | 65  | 93.1 | 370        | ug/Kg |
| 110-86-1       | Pyridine                    | 87    | U         | 87  | 190  | 370        | ug/Kg |
| 108-95-2       | Phenol                      | 34    | U         | 34  | 93.1 | 370        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 33    | U         | 33  | 93.1 | 370        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 32    | U         | 32  | 48   | 190        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 35    | U         | 35  | 93.1 | 370        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 45    | U         | 45  | 93.1 | 370        | ug/Kg |
| 98-86-2        | Acetophenone                | 120   | J         | 74  | 93.1 | 370        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 60    | U         | 60  | 93.1 | 370        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 89    | U         | 89  | 48   | 190        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 69    | U         | 69  | 48   | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 72    | U         | 72  | 48   | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 74    | U         | 74  | 48   | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 68    | U         | 68  | 48   | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 36    | U         | 36  | 48   | 190        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 51    | U         | 51  | 48   | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 43    | U         | 43  | 48   | 190        | ug/Kg |
| 91-20-3        | Naphthalene                 | 27    | U         | 27  | 48   | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 41    | U         | 41  | 48   | 370        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 40    | U         | 40  | 48   | 190        | ug/Kg |
| 105-60-2       | Caprolactam                 | 72    | U         | 72  | 93.1 | 370        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 46    | U         | 46  | 48   | 190        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 27    | U         | 27  | 48   | 190        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 36    | U         | 36  | 48   | 190        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 110   | U         | 110 | 93.1 | 370        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 27    | U         | 27  | 48   | 190        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 37    | U         | 37  | 48   | 190        | ug/Kg |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P9     | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-10  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 11.7                   |
| Sample Wt/Vol:     | 30.1      | Units:          | g                      |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                    |
|                    |           | Test:           | uL                     |
| Extraction Type :  |           | Decanted :      | Level :                |
|                    |           |                 | LOW                    |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :          |
|                    |           |                 | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063180.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 29    | U         | 29  | 48   | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 37    | U         | 37  | 48   | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 51    | U         | 51  | 48   | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 34    | U         | 34  | 48   | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 23    | U         | 23  | 48   | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 33    | U         | 33  | 48   | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 74    | U         | 74  | 93.1 | 370        | ug/Kg |
| 83-32-9    | Acenaphthene               | 29    | U         | 29  | 48   | 190        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 150   | U         | 150 | 93.1 | 370        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 50    | U         | 50  | 93.1 | 370        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 30    | U         | 30  | 48   | 190        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 40    | U         | 40  | 48   | 190        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 37    | U         | 37  | 48   | 190        | ug/Kg |
| 86-73-7    | Fluorene                   | 30    | U         | 30  | 48   | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 23    | U         | 23  | 48   | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 27    | U         | 27  | 93.1 | 370        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 43    | U         | 43  | 93.1 | 370        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 27    | U         | 27  | 48   | 190        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 38    | U         | 38  | 48   | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 29    | U         | 29  | 48   | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 32    | U         | 32  | 48   | 190        | ug/Kg |
| 1912-24-9  | Atrazine                   | 32    | U         | 32  | 93.1 | 370        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 99    | U         | 99  | 93.1 | 370        | ug/Kg |
| 85-01-8    | Phenanthrene               | 30    | U         | 30  | 48   | 190        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 42    | U         | 42  | 48   | 190        | ug/Kg |
| 120-12-7   | Anthracene                 | 28    | U         | 28  | 48   | 190        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 19    | U         | 19  | 48   | 190        | ug/Kg |
| 86-74-8    | Carbazole                  | 38    | U         | 38  | 93.1 | 370        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 30    | U         | 30  | 48   | 190        | ug/Kg |
| 206-44-0   | Fluoranthene               | 21    | U         | 21  | 93.1 | 190        | ug/Kg |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P9     | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-10  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 11.7                   |
| 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 |
| BG063180.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 20     | U         | 20     | 48   | 190        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 25     | U         | 25     | 48   | 190        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 59     | U         | 59     | 93.1 | 370        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 26     | U         | 26     | 48   | 190        | ug/Kg    |
| 218-01-9          | Chrysene                    | 27     | U         | 27     | 48   | 190        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1300   |           | 28     | 48   | 190        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 65     | J         | 54     | 93.1 | 370        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 42     | U         | 42     | 48   | 190        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 43     | U         | 43     | 48   | 190        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 35     | U         | 35     | 48   | 190        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 32     | U         | 32     | 48   | 190        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 29     | U         | 29     | 48   | 190        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 36     | U         | 36     | 48   | 190        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 41     | U         | 41     | 48   | 190        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 1.274  |           | 15-120 |      | 16         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 4.159  | *         | 20-120 |      | 10         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 8.466  |           | 10-130 |      | 21         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 7.969  |           | 10-150 |      | 20         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 9.395  |           | 15-120 |      | 23         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 8.235  |           | 10-140 |      | 21         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 9.095  |           | 10-135 |      | 23         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 9.401  |           | 10-120 |      | 24         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 9.795  |           | 10-140 |      | 24         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 3.326  |           | 1-145  |      | 8          | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 9.146  |           | 10-145 |      | 23         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 9.866  |           | 15-120 |      | 25         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 7.183  |           | 10-150 |      | 18         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 10.452 |           | 20-140 |      | 26         | SPK: -40 |



## Report of Analysis

|                    |                    |                 |                        |
|--------------------|--------------------|-----------------|------------------------|
| Client:            |                    | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P9              | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-10           | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 11.7                   |
| 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 |
| BG063180.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 8.125   |           | 10-130 |     | 20         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 11.578  |           | 10-150 |     | 29         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 10.542  |           | 10-130 |     | 26         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 8.134   |           | 10-140 |     | 20         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 89974   | 7.844     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 399924  | 10.629    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 375042  | 14.477    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 940519  | 17.227    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 964906  | 21.481    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1051838 | 24.513    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 94      | J         |        |     | 15.835     |          |
| 000638-53-9                           | Tridecanoic acid              | 100     | J         |        |     | 18.126     |          |
| E966796                               | Total Alkanes                 | 29      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 10/23/2024 12:00:00 AM      |
| Project:           |                       | Date Received:  | 10/23/2024 12:00:00 AM      |
| Client Sample ID:  | CC0Q8                 | SDG No.:        | BG110624                    |
| Lab Sample ID:     | P4634-13              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 15.4                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063181.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 32    | U         | 32  | 7.8  | 79         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 68    | U         | 68  | 97.2 | 390        | ug/Kg |
| 110-86-1       | Pyridine                    | 91    | U         | 91  | 190  | 390        | ug/Kg |
| 108-95-2       | Phenol                      | 35    | U         | 35  | 97.2 | 390        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 34    | U         | 34  | 97.2 | 390        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 33    | U         | 33  | 50.1 | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 37    | U         | 37  | 97.2 | 390        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 47    | U         | 47  | 97.2 | 390        | ug/Kg |
| 98-86-2        | Acetophenone                | 140   | J         | 78  | 97.2 | 390        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 62    | U         | 62  | 97.2 | 390        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 93    | U         | 93  | 50.1 | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 72    | U         | 72  | 50.1 | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 75    | U         | 75  | 50.1 | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 78    | U         | 78  | 50.1 | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 71    | U         | 71  | 50.1 | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 38    | U         | 38  | 50.1 | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 53    | U         | 53  | 50.1 | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 45    | U         | 45  | 50.1 | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 28    | U         | 28  | 50.1 | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 42    | U         | 42  | 50.1 | 390        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 41    | U         | 41  | 50.1 | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 75    | U         | 75  | 97.2 | 390        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 48    | U         | 48  | 50.1 | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 28    | U         | 28  | 50.1 | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 38    | U         | 38  | 50.1 | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 110   | U         | 110 | 97.2 | 390        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 28    | U         | 28  | 50.1 | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 39    | U         | 39  | 50.1 | 200        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                        |
|--------------------|-----------------------|-----------------|------------------------|
| Client:            |                       | Date Collected: | 10/23/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 10/23/2024 12:00:00 AM |
| Client Sample ID:  | CC0Q8                 | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-13              | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 15.4                   |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500              uL    |
| Soil Aliquot Vol:  | uL                    | Test:           |                        |
| Extraction Type :  | Decanted :            | Level :         | LOW                    |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063181.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 31    | U         | 31  | 50.1 | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 39    | U         | 39  | 50.1 | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 53    | U         | 53  | 50.1 | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 35    | U         | 35  | 50.1 | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 24    | U         | 24  | 50.1 | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 34    | U         | 34  | 50.1 | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 78    | U         | 78  | 97.2 | 390        | ug/Kg |
| 83-32-9    | Acenaphthene               | 31    | U         | 31  | 50.1 | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 150   | U         | 150 | 97.2 | 390        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 52    | U         | 52  | 97.2 | 390        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 32    | U         | 32  | 50.1 | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 41    | U         | 41  | 50.1 | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 39    | U         | 39  | 50.1 | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 32    | U         | 32  | 50.1 | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 24    | U         | 24  | 50.1 | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 28    | U         | 28  | 97.2 | 390        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 45    | U         | 45  | 97.2 | 390        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 28    | U         | 28  | 50.1 | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 40    | U         | 40  | 50.1 | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 31    | U         | 31  | 50.1 | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 33    | U         | 33  | 50.1 | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 33    | U         | 33  | 97.2 | 390        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 100   | U         | 100 | 97.2 | 390        | ug/Kg |
| 85-01-8    | Phenanthrene               | 32    | U         | 32  | 50.1 | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 44    | U         | 44  | 50.1 | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 29    | U         | 29  | 50.1 | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 20    | U         | 20  | 50.1 | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 40    | U         | 40  | 97.2 | 390        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 32    | U         | 32  | 50.1 | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 22    | U         | 22  | 97.2 | 200        | ug/Kg |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/23/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/23/2024 12:00:00 AM |
| Client Sample ID:  | CC0Q8     | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-13  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 15.4                   |
| Sample Wt/Vol:     | 30.1      | Units:          | g                      |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                    |
|                    |           | Test:           | uL                     |
| Extraction Type :  |           | Decanted :      | Level :                |
|                    |           |                 | LOW                    |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :          |
|                    |           |                 | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063181.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 21    | U         | 21     | 50.1 | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 26    | U         | 26     | 50.1 | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 61    | U         | 61     | 97.2 | 390        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 27    | U         | 27     | 50.1 | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 28    | U         | 28     | 50.1 | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 90    | J         | 29     | 50.1 | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 57    | U         | 57     | 97.2 | 390        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 44    | U         | 44     | 50.1 | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 45    | U         | 45     | 50.1 | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 37    | U         | 37     | 50.1 | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 33    | U         | 33     | 50.1 | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 31    | U         | 31     | 50.1 | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 38    | U         | 38     | 50.1 | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 42    | U         | 42     | 50.1 | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 1.015 | *         | 15-120 |      | 13         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 1.974 | *         | 20-120 |      | 5          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 6.376 |           | 10-130 |      | 16         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 6.128 |           | 10-150 |      | 15         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 7.03  |           | 15-120 |      | 18         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 4.891 |           | 10-140 |      | 12         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 6.438 |           | 10-135 |      | 16         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 6.867 |           | 10-120 |      | 17         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 7.203 |           | 10-140 |      | 18         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 2.852 |           | 1-145  |      | 7          | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 6.864 |           | 10-145 |      | 17         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 7.326 |           | 15-120 |      | 18         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 5.474 |           | 10-150 |      | 14         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 7.6   | *         | 20-140 |      | 19         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                        |
|--------------------|--------------------|-----------------|------------------------|
| Client:            |                    | Date Collected: | 10/23/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 10/23/2024 12:00:00 AM |
| Client Sample ID:  | CC0Q8              | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-13           | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 15.4                   |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL            |
| Soil Aliquot Vol:  | uL                 | Test:           |                        |
| Extraction Type :  | Decanted :         | Level :         | LOW                    |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063181.D        | 1         | 11/1/2024 12:00:00 AM | 11/6/2024 12:00:00 AM | PB164608      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 4.714  |           | 10-130 |     | 12         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 7.975  |           | 10-150 |     | 20         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 6.51   |           | 10-130 |     | 16         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 4.051  |           | 10-140 |     | 10         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 78992  | 7.841     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 362404 | 10.632    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 341720 | 14.475    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 880449 | 17.225    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 900280 | 21.478    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 967988 | 24.516    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 90     | J         |        |     | 18.129     |          |
| E966796                               | Total Alkanes                 | 31     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                        |
|--------------------|-----------------------|-----------------|------------------------|
| Client:            |                       | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0Q6                 | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-12              | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 7.2                    |
| 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 |
| BG063182.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 29    | U         | 29  | 7.1  | 72         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 62    | U         | 62  | 88.6 | 350        | ug/Kg |
| 110-86-1       | Pyridine                    | 83    | U         | 83  | 180  | 350        | ug/Kg |
| 108-95-2       | Phenol                      | 32    | U         | 32  | 88.6 | 350        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 31    | U         | 31  | 88.6 | 350        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 30    | U         | 30  | 45.6 | 180        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 33    | U         | 33  | 88.6 | 350        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 43    | U         | 43  | 88.6 | 350        | ug/Kg |
| 98-86-2        | Acetophenone                | 71    | U         | 71  | 88.6 | 350        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 57    | U         | 57  | 88.6 | 350        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 85    | U         | 85  | 45.6 | 180        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 66    | U         | 66  | 45.6 | 180        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 69    | U         | 69  | 45.6 | 180        | ug/Kg |
| 78-59-1        | Isophorone                  | 71    | U         | 71  | 45.6 | 180        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 64    | U         | 64  | 45.6 | 180        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 34    | U         | 34  | 45.6 | 180        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 48    | U         | 48  | 45.6 | 180        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 41    | U         | 41  | 45.6 | 180        | ug/Kg |
| 91-20-3        | Naphthalene                 | 26    | U         | 26  | 45.6 | 180        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 39    | U         | 39  | 45.6 | 350        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 38    | U         | 38  | 45.6 | 180        | ug/Kg |
| 105-60-2       | Caprolactam                 | 69    | U         | 69  | 88.6 | 350        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 44    | U         | 44  | 45.6 | 180        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 26    | U         | 26  | 45.6 | 180        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 34    | U         | 34  | 45.6 | 180        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 100   | U         | 100 | 88.6 | 350        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 26    | U         | 26  | 45.6 | 180        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 35    | U         | 35  | 45.6 | 180        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 10/22/2024 12:00:00 AM      |
| Project:           |                       | Date Received:  | 10/22/2024 12:00:00 AM      |
| Client Sample ID:  | CC0Q6                 | SDG No.:        | BG110624                    |
| Lab Sample ID:     | P4634-12              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 7.2                         |
| 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 |
| BG063182.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 28    | U         | 28  | 45.6 | 180        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 35    | U         | 35  | 45.6 | 180        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 48    | U         | 48  | 45.6 | 180        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 32    | U         | 32  | 45.6 | 180        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 21    | U         | 21  | 45.6 | 180        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 31    | U         | 31  | 45.6 | 180        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 71    | U         | 71  | 88.6 | 350        | ug/Kg |
| 83-32-9    | Acenaphthene               | 28    | U         | 28  | 45.6 | 180        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 140   | U         | 140 | 88.6 | 350        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 47    | U         | 47  | 88.6 | 350        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 29    | U         | 29  | 45.6 | 180        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 38    | U         | 38  | 45.6 | 180        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 35    | U         | 35  | 45.6 | 180        | ug/Kg |
| 86-73-7    | Fluorene                   | 29    | U         | 29  | 45.6 | 180        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 21    | U         | 21  | 45.6 | 180        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 26    | U         | 26  | 88.6 | 350        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 41    | U         | 41  | 88.6 | 350        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 26    | U         | 26  | 45.6 | 180        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 37    | U         | 37  | 45.6 | 180        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 28    | U         | 28  | 45.6 | 180        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 30    | U         | 30  | 45.6 | 180        | ug/Kg |
| 1912-24-9  | Atrazine                   | 30    | U         | 30  | 88.6 | 350        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 95    | U         | 95  | 88.6 | 350        | ug/Kg |
| 85-01-8    | Phenanthrene               | 29    | U         | 29  | 45.6 | 180        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 40    | U         | 40  | 45.6 | 180        | ug/Kg |
| 120-12-7   | Anthracene                 | 27    | U         | 27  | 45.6 | 180        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 18    | U         | 18  | 45.6 | 180        | ug/Kg |
| 86-74-8    | Carbazole                  | 37    | U         | 37  | 88.6 | 350        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 29    | U         | 29  | 45.6 | 180        | ug/Kg |
| 206-44-0   | Fluoranthene               | 20    | U         | 20  | 88.6 | 180        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 10/22/2024 12:00:00 AM      |
| Project:           |                       | Date Received:  | 10/22/2024 12:00:00 AM      |
| Client Sample ID:  | CC0Q6                 | SDG No.:        | BG110624                    |
| Lab Sample ID:     | P4634-12              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 7.2                         |
| 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 |
| BG063182.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 19     | U         | 19     | 45.6 | 180        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 24     | U         | 24     | 45.6 | 180        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 56     | U         | 56     | 88.6 | 350        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 25     | U         | 25     | 45.6 | 180        | ug/Kg    |
| 218-01-9          | Chrysene                    | 26     | U         | 26     | 45.6 | 180        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 27     | U         | 27     | 45.6 | 180        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 52     | U         | 52     | 88.6 | 350        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 40     | U         | 40     | 45.6 | 180        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 41     | U         | 41     | 45.6 | 180        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 33     | U         | 33     | 45.6 | 180        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 30     | U         | 30     | 45.6 | 180        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 28     | U         | 28     | 45.6 | 180        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 34     | U         | 34     | 45.6 | 180        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 39     | U         | 39     | 45.6 | 180        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.638  |           | 15-120 |      | 45         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 15.348 |           | 20-120 |      | 38         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 23.07  |           | 10-130 |      | 58         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 22.812 |           | 10-150 |      | 57         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.851 |           | 15-120 |      | 62         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 23.803 |           | 10-140 |      | 60         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 23.401 |           | 10-135 |      | 59         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 24.789 |           | 10-120 |      | 62         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 25.168 |           | 10-140 |      | 63         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 21.737 |           | 1-145  |      | 54         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 22.289 |           | 10-145 |      | 56         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 24.993 |           | 15-120 |      | 62         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 20.038 |           | 10-150 |      | 50         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 24.803 |           | 20-140 |      | 62         | SPK: -40 |



## Report of Analysis

|                    |                    |                 |                        |
|--------------------|--------------------|-----------------|------------------------|
| Client:            |                    | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0Q6              | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-12           | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 7.2                    |
| 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 |
| BG063182.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 18.988  |           | 10-130 |     | 47         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 25.171  |           | 10-150 |     | 63         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 26.644  |           | 10-130 |     | 67         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 24.996  |           | 10-140 |     | 62         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 77931   | 7.841     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 367667  | 10.632    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 354511  | 14.474    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 902765  | 17.23     |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 950060  | 21.478    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1026013 | 24.51     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 200     | J         |        |     | 15.838     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 170     | J         |        |     | 18.129     |          |
| E966796                               | Total Alkanes                 | 28      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 10/23/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 10/23/2024 12:00:00 AM |
| Client Sample ID:  | CC0R4      | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-15   | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 28.4                   |
| Sample Wt/Vol:     | 30.1       | Units:          | g                      |
| Soil Aliquot Vol:  |            | Final Vol:      | 500                    |
|                    |            |                 | uL                     |
| Extraction Type :  |            | Test:           |                        |
|                    | Decanted : | Level :         | LOW                    |
| Injection Volume : |            | GPC Factor :    |                        |
|                    |            | GPC Cleanup :   | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063183.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 38    | U         | 38  | 9.2  | 93         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 81    | U         | 81  | 110  | 460        | ug/Kg |
| 110-86-1       | Pyridine                    | 110   | U         | 110 | 230  | 460        | ug/Kg |
| 108-95-2       | Phenol                      | 42    | U         | 42  | 110  | 460        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 40    | U         | 40  | 110  | 460        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 39    | U         | 39  | 59.2 | 240        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 43    | U         | 43  | 110  | 460        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 56    | U         | 56  | 110  | 460        | ug/Kg |
| 98-86-2        | Acetophenone                | 92    | U         | 92  | 110  | 460        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 74    | U         | 74  | 110  | 460        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 110   | U         | 110 | 59.2 | 240        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 85    | U         | 85  | 59.2 | 240        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 89    | U         | 89  | 59.2 | 240        | ug/Kg |
| 78-59-1        | Isophorone                  | 92    | U         | 92  | 59.2 | 240        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 84    | U         | 84  | 59.2 | 240        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 45    | U         | 45  | 59.2 | 240        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 63    | U         | 63  | 59.2 | 240        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 53    | U         | 53  | 59.2 | 240        | ug/Kg |
| 91-20-3        | Naphthalene                 | 33    | U         | 33  | 59.2 | 240        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 50    | U         | 50  | 59.2 | 460        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 49    | U         | 49  | 59.2 | 240        | ug/Kg |
| 105-60-2       | Caprolactam                 | 89    | U         | 89  | 110  | 460        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 57    | U         | 57  | 59.2 | 240        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 33    | U         | 33  | 59.2 | 240        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 45    | U         | 45  | 59.2 | 240        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 140   | U         | 140 | 110  | 460        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 33    | U         | 33  | 59.2 | 240        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 46    | U         | 46  | 59.2 | 240        | ug/Kg |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/23/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/23/2024 12:00:00 AM |
| Client Sample ID:  | CC0R4     | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-15  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 28.4                   |
| Sample Wt/Vol:     | 30.1      | Units:          | g                      |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                    |
|                    |           | Test:           | uL                     |
| Extraction Type :  |           | Decanted :      | Level :                |
|                    |           |                 | LOW                    |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :          |
|                    |           |                 | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063183.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 36    | U         | 36  | 59.2 | 240        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 46    | U         | 46  | 59.2 | 240        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 63    | U         | 63  | 59.2 | 240        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 42    | U         | 42  | 59.2 | 240        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 28    | U         | 28  | 59.2 | 240        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 40    | U         | 40  | 59.2 | 240        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 92    | U         | 92  | 110  | 460        | ug/Kg |
| 83-32-9    | Acenaphthene               | 36    | U         | 36  | 59.2 | 240        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 180   | U         | 180 | 110  | 460        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 61    | U         | 61  | 110  | 460        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 38    | U         | 38  | 59.2 | 240        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 49    | U         | 49  | 59.2 | 240        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 46    | U         | 46  | 59.2 | 240        | ug/Kg |
| 86-73-7    | Fluorene                   | 38    | U         | 38  | 59.2 | 240        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 28    | U         | 28  | 59.2 | 240        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 33    | U         | 33  | 110  | 460        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 53    | U         | 53  | 110  | 460        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 33    | U         | 33  | 59.2 | 240        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 47    | U         | 47  | 59.2 | 240        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 36    | U         | 36  | 59.2 | 240        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 39    | U         | 39  | 59.2 | 240        | ug/Kg |
| 1912-24-9  | Atrazine                   | 39    | U         | 39  | 110  | 460        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 120   | U         | 120 | 110  | 460        | ug/Kg |
| 85-01-8    | Phenanthrene               | 38    | U         | 38  | 59.2 | 240        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 52    | U         | 52  | 59.2 | 240        | ug/Kg |
| 120-12-7   | Anthracene                 | 35    | U         | 35  | 59.2 | 240        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 24    | U         | 24  | 59.2 | 240        | ug/Kg |
| 86-74-8    | Carbazole                  | 47    | U         | 47  | 110  | 460        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 38    | U         | 38  | 59.2 | 240        | ug/Kg |
| 206-44-0   | Fluoranthene               | 26    | U         | 26  | 110  | 240        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                        |
|--------------------|-----------------------|-----------------|------------------------|
| Client:            |                       | Date Collected: | 10/23/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 10/23/2024 12:00:00 AM |
| Client Sample ID:  | CC0R4                 | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-15              | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 28.4                   |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL            |
| Soil Aliquot Vol:  | uL                    | Test:           |                        |
| Extraction Type :  | Decanted :            | Level :         | LOW                    |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063183.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 25     | U         | 25     | 59.2 | 240        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 31     | U         | 31     | 59.2 | 240        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 72     | U         | 72     | 110  | 460        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 32     | U         | 32     | 59.2 | 240        | ug/Kg    |
| 218-01-9          | Chrysene                    | 33     | U         | 33     | 59.2 | 240        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 14000  | E         | 35     | 59.2 | 240        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 67     | U         | 67     | 110  | 460        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 52     | U         | 52     | 59.2 | 240        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 53     | U         | 53     | 59.2 | 240        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 43     | U         | 43     | 59.2 | 240        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 39     | U         | 39     | 59.2 | 240        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 36     | U         | 36     | 59.2 | 240        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 45     | U         | 45     | 59.2 | 240        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 50     | U         | 50     | 59.2 | 240        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.537  |           | 15-120 |      | 57         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 22.44  |           | 20-120 |      | 56         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 29.598 |           | 10-130 |      | 74         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 29.506 |           | 10-150 |      | 74         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 32.297 |           | 15-120 |      | 81         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 29.498 |           | 10-140 |      | 74         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 33.371 |           | 10-135 |      | 83         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 32.139 |           | 10-120 |      | 80         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 32.667 |           | 10-140 |      | 82         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 29.025 |           | 1-145  |      | 73         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 29.253 |           | 10-145 |      | 73         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 32.671 |           | 15-120 |      | 82         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 24.171 |           | 10-150 |      | 60         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 32.714 |           | 20-140 |      | 82         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                        |
|--------------------|--------------------|-----------------|------------------------|
| Client:            |                    | Date Collected: | 10/23/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 10/23/2024 12:00:00 AM |
| Client Sample ID:  | CC0R4              | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-15           | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 28.4                   |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL            |
| Soil Aliquot Vol:  | uL                 | Test:           |                        |
| Extraction Type :  | Decanted :         | Level :         | LOW                    |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063183.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 24.265 |           | 10-130 |     | 61         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 33.445 |           | 10-150 |     | 84         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 35.432 |           | 10-130 |     | 89         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 32.89  |           | 10-140 |     | 82         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 79889  | 7.843     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 353133 | 10.628    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 332106 | 14.476    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 829483 | 17.226    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 856683 | 21.48     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 943914 | 24.517    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 270    | J         |        |     | 15.833     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 300    | J         |        |     | 18.131     |          |
| E966796                               | Total Alkanes                 | 36     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P3     | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-07  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 12.3                   |
| 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 |
| BG063184.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 31    | U         | 31  | 7.5  | 76         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 66    | U         | 66  | 93.8 | 380        | ug/Kg |
| 110-86-1       | Pyridine                    | 88    | U         | 88  | 190  | 380        | ug/Kg |
| 108-95-2       | Phenol                      | 34    | U         | 34  | 93.8 | 380        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 33    | U         | 33  | 93.8 | 380        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 32    | U         | 32  | 48.3 | 190        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 35    | U         | 35  | 93.8 | 380        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 45    | U         | 45  | 93.8 | 380        | ug/Kg |
| 98-86-2        | Acetophenone                | 75    | U         | 75  | 93.8 | 380        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 60    | U         | 60  | 93.8 | 380        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 90    | U         | 90  | 48.3 | 190        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 69    | U         | 69  | 48.3 | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 73    | U         | 73  | 48.3 | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 75    | U         | 75  | 48.3 | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 68    | U         | 68  | 48.3 | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 36    | U         | 36  | 48.3 | 190        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 51    | U         | 51  | 48.3 | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 43    | U         | 43  | 48.3 | 190        | ug/Kg |
| 91-20-3        | Naphthalene                 | 27    | U         | 27  | 48.3 | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 41    | U         | 41  | 48.3 | 380        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 40    | U         | 40  | 48.3 | 190        | ug/Kg |
| 105-60-2       | Caprolactam                 | 73    | U         | 73  | 93.8 | 380        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 47    | U         | 47  | 48.3 | 190        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 27    | U         | 27  | 48.3 | 190        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 36    | U         | 36  | 48.3 | 190        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 110   | U         | 110 | 93.8 | 380        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 27    | U         | 27  | 48.3 | 190        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 38    | U         | 38  | 48.3 | 190        | ug/Kg |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P3     | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-07  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 12.3                   |
| Sample Wt/Vol:     | 30.1      | Units:          | g                      |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                    |
|                    |           | Test:           | uL                     |
| Extraction Type :  |           | Decanted :      | Level :                |
|                    |           |                 | LOW                    |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :          |
|                    |           |                 | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063184.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 30    | U         | 30  | 48.3 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 38    | U         | 38  | 48.3 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 51    | U         | 51  | 48.3 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 34    | U         | 34  | 48.3 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 23    | U         | 23  | 48.3 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 33    | U         | 33  | 48.3 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 75    | U         | 75  | 93.8 | 380        | ug/Kg |
| 83-32-9    | Acenaphthene               | 30    | U         | 30  | 48.3 | 190        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 150   | U         | 150 | 93.8 | 380        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 50    | U         | 50  | 93.8 | 380        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 31    | U         | 31  | 48.3 | 190        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 40    | U         | 40  | 48.3 | 190        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 38    | U         | 38  | 48.3 | 190        | ug/Kg |
| 86-73-7    | Fluorene                   | 31    | U         | 31  | 48.3 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 23    | U         | 23  | 48.3 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 27    | U         | 27  | 93.8 | 380        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 43    | U         | 43  | 93.8 | 380        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 27    | U         | 27  | 48.3 | 190        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 39    | U         | 39  | 48.3 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 30    | U         | 30  | 48.3 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 32    | U         | 32  | 48.3 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                   | 32    | U         | 32  | 93.8 | 380        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 100   | U         | 100 | 93.8 | 380        | ug/Kg |
| 85-01-8    | Phenanthrene               | 31    | U         | 31  | 48.3 | 190        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 42    | U         | 42  | 48.3 | 190        | ug/Kg |
| 120-12-7   | Anthracene                 | 28    | U         | 28  | 48.3 | 190        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 19    | U         | 19  | 48.3 | 190        | ug/Kg |
| 86-74-8    | Carbazole                  | 39    | U         | 39  | 93.8 | 380        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 31    | U         | 31  | 48.3 | 190        | ug/Kg |
| 206-44-0   | Fluoranthene               | 22    | U         | 22  | 93.8 | 190        | ug/Kg |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P3     | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-07  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 12.3                   |
| 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 |
| BG063184.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 20     | U         | 20     | 48.3 | 190        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 25     | U         | 25     | 48.3 | 190        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 59     | U         | 59     | 93.8 | 380        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 26     | U         | 26     | 48.3 | 190        | ug/Kg    |
| 218-01-9          | Chrysene                    | 27     | U         | 27     | 48.3 | 190        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 28     | U         | 28     | 48.3 | 190        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 55     | U         | 55     | 93.8 | 380        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 42     | U         | 42     | 48.3 | 190        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 43     | U         | 43     | 48.3 | 190        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 35     | U         | 35     | 48.3 | 190        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 32     | U         | 32     | 48.3 | 190        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 30     | U         | 30     | 48.3 | 190        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 36     | U         | 36     | 48.3 | 190        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 41     | U         | 41     | 48.3 | 190        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.818  |           | 15-120 |      | 48         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 5.089  | *         | 20-120 |      | 13         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 26.414 |           | 10-130 |      | 66         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 25.239 |           | 10-150 |      | 63         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 28.448 |           | 15-120 |      | 71         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 28.469 |           | 10-140 |      | 71         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 28.503 |           | 10-135 |      | 71         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.421 |           | 10-120 |      | 69         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 29.637 |           | 10-140 |      | 74         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 21.437 |           | 1-145  |      | 54         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.443 |           | 10-145 |      | 66         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 30.041 |           | 15-120 |      | 75         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 26.493 |           | 10-150 |      | 66         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 29.682 |           | 20-140 |      | 74         | SPK: -40 |



## Report of Analysis

|                    |                    |                 |                        |
|--------------------|--------------------|-----------------|------------------------|
| Client:            |                    | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P3              | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-07           | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 12.3                   |
| 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 |
| BG063184.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 25.512 |           | 10-130 |     | 64         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 30.683 |           | 10-150 |     | 77         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 31.879 |           | 10-130 |     | 80         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 30.639 |           | 10-140 |     | 77         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 75171  | 7.842     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 348338 | 10.627    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 328368 | 14.476    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 845269 | 17.226    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 887024 | 21.479    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 971361 | 24.511    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                       | 180    | J         |        |     | 15.833     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 170    | J         |        |     | 18.13      |          |
| 000511-15-9                           | 2-Phenanthrenol, 4b,5,6,7,8,8a,9,1 | 120    | J         |        |     | 20.334     |          |
| E966796                               | Total Alkanes                      | 30     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P5     | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-08  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 11.1                   |
| Sample Wt/Vol:     | 30.1      | Units:          | g                      |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                    |
|                    |           | Test:           | uL                     |
| Extraction Type :  |           | Decanted :      | Level :                |
|                    |           |                 | LOW                    |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :          |
|                    |           |                 | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063185.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 30    | U         | 30  | 7.4  | 75         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 65    | U         | 65  | 92.5 | 370        | ug/Kg |
| 110-86-1       | Pyridine                    | 86    | U         | 86  | 180  | 370        | ug/Kg |
| 108-95-2       | Phenol                      | 34    | U         | 34  | 92.5 | 370        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 33    | U         | 33  | 92.5 | 370        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 31    | U         | 31  | 47.6 | 190        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 35    | U         | 35  | 92.5 | 370        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 45    | U         | 45  | 92.5 | 370        | ug/Kg |
| 98-86-2        | Acetophenone                | 74    | U         | 74  | 92.5 | 370        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 59    | U         | 59  | 92.5 | 370        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 89    | U         | 89  | 47.6 | 190        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 68    | U         | 68  | 47.6 | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 72    | U         | 72  | 47.6 | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 74    | U         | 74  | 47.6 | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 67    | U         | 67  | 47.6 | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 36    | U         | 36  | 47.6 | 190        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 50    | U         | 50  | 47.6 | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 43    | U         | 43  | 47.6 | 190        | ug/Kg |
| 91-20-3        | Naphthalene                 | 27    | U         | 27  | 47.6 | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 40    | U         | 40  | 47.6 | 370        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 39    | U         | 39  | 47.6 | 190        | ug/Kg |
| 105-60-2       | Caprolactam                 | 72    | U         | 72  | 92.5 | 370        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 46    | U         | 46  | 47.6 | 190        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 27    | U         | 27  | 47.6 | 190        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 36    | U         | 36  | 47.6 | 190        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 110   | U         | 110 | 92.5 | 370        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 27    | U         | 27  | 47.6 | 190        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 37    | U         | 37  | 47.6 | 190        | ug/Kg |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P5     | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-08  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 11.1                   |
| Sample Wt/Vol:     | 30.1      | Units:          | g                      |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                    |
|                    |           | Test:           | uL                     |
| Extraction Type :  |           | Decanted :      | Level :                |
|                    |           |                 | LOW                    |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :          |
|                    |           |                 | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063185.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 29    | U         | 29  | 47.6 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 37    | U         | 37  | 47.6 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 50    | U         | 50  | 47.6 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 34    | U         | 34  | 47.6 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 22    | U         | 22  | 47.6 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 33    | U         | 33  | 47.6 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 74    | U         | 74  | 92.5 | 370        | ug/Kg |
| 83-32-9    | Acenaphthene               | 29    | U         | 29  | 47.6 | 190        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 150   | U         | 150 | 92.5 | 370        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 49    | U         | 49  | 92.5 | 370        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 30    | U         | 30  | 47.6 | 190        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 39    | U         | 39  | 47.6 | 190        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 37    | U         | 37  | 47.6 | 190        | ug/Kg |
| 86-73-7    | Fluorene                   | 30    | U         | 30  | 47.6 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 22    | U         | 22  | 47.6 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 27    | U         | 27  | 92.5 | 370        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 43    | U         | 43  | 92.5 | 370        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 27    | U         | 27  | 47.6 | 190        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 38    | U         | 38  | 47.6 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 29    | U         | 29  | 47.6 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 31    | U         | 31  | 47.6 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                   | 31    | U         | 31  | 92.5 | 370        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 99    | U         | 99  | 92.5 | 370        | ug/Kg |
| 85-01-8    | Phenanthrene               | 30    | U         | 30  | 47.6 | 190        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 41    | U         | 41  | 47.6 | 190        | ug/Kg |
| 120-12-7   | Anthracene                 | 28    | U         | 28  | 47.6 | 190        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 19    | U         | 19  | 47.6 | 190        | ug/Kg |
| 86-74-8    | Carbazole                  | 38    | U         | 38  | 92.5 | 370        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 30    | U         | 30  | 47.6 | 190        | ug/Kg |
| 206-44-0   | Fluoranthene               | 21    | U         | 21  | 92.5 | 190        | ug/Kg |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P5     | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-08  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 11.1                   |
| Sample Wt/Vol:     | 30.1      | Units:          | g                      |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                    |
|                    |           | Test:           | uL                     |
| Extraction Type :  |           | Decanted :      | Level :                |
|                    |           |                 | LOW                    |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :          |
|                    |           |                 | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063185.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 20     | U         | 20     | 47.6 | 190        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 25     | U         | 25     | 47.6 | 190        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 58     | U         | 58     | 92.5 | 370        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 26     | U         | 26     | 47.6 | 190        | ug/Kg    |
| 218-01-9          | Chrysene                    | 27     | U         | 27     | 47.6 | 190        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 28     | U         | 28     | 47.6 | 190        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 54     | U         | 54     | 92.5 | 370        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 41     | U         | 41     | 47.6 | 190        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 43     | U         | 43     | 47.6 | 190        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 35     | U         | 35     | 47.6 | 190        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 31     | U         | 31     | 47.6 | 190        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 29     | U         | 29     | 47.6 | 190        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 36     | U         | 36     | 47.6 | 190        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 40     | U         | 40     | 47.6 | 190        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.595  |           | 15-120 |      | 45         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 14.761 |           | 20-120 |      | 37         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 22.404 |           | 10-130 |      | 56         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 21.248 |           | 10-150 |      | 53         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.018 |           | 15-120 |      | 60         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 22.528 |           | 10-140 |      | 56         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 22.722 |           | 10-135 |      | 57         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 22.792 |           | 10-120 |      | 57         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 24.187 |           | 10-140 |      | 60         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 21.329 |           | 1-145  |      | 53         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 21.867 |           | 10-145 |      | 55         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 24.402 |           | 15-120 |      | 61         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 19.4   |           | 10-150 |      | 48         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 23.878 |           | 20-140 |      | 60         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                        |
|--------------------|--------------------|-----------------|------------------------|
| Client:            |                    | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P5              | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-08           | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 11.1                   |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL            |
| Soil Aliquot Vol:  | uL                 | Test:           |                        |
| Extraction Type :  | Decanted :         | Level :         | LOW                    |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063185.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 20.009  |           | 10-130 |     | 50         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 25.053  |           | 10-150 |     | 63         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 25.756  |           | 10-130 |     | 64         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 25.488  |           | 10-140 |     | 64         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 82170   | 7.842     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 381655  | 10.627    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 357084  | 14.475    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 894062  | 17.225    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 942005  | 21.479    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1009540 | 24.51     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 140     | J         |        |     | 15.838     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 150     | J         |        |     | 18.13      |          |
| E966796                               | Total Alkanes                 | 29      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/23/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/23/2024 12:00:00 AM |
| Client Sample ID:  | CC0R3        | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-14     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 22.1                   |
| 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 |
| BG063186.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 35    | U         | 35  | 8.5  | 86         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 74    | U         | 74  | 110  | 420        | ug/Kg |
| 110-86-1       | Pyridine                    | 99    | U         | 99  | 210  | 420        | ug/Kg |
| 108-95-2       | Phenol                      | 39    | U         | 39  | 110  | 420        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 37    | U         | 37  | 110  | 420        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 36    | U         | 36  | 54.6 | 220        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 40    | U         | 40  | 110  | 420        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 51    | U         | 51  | 110  | 420        | ug/Kg |
| 98-86-2        | Acetophenone                | 85    | U         | 85  | 110  | 420        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 68    | U         | 68  | 110  | 420        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 100   | U         | 100 | 54.6 | 220        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 78    | U         | 78  | 54.6 | 220        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 82    | U         | 82  | 54.6 | 220        | ug/Kg |
| 78-59-1        | Isophorone                  | 85    | U         | 85  | 54.6 | 220        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 77    | U         | 77  | 54.6 | 220        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 41    | U         | 41  | 54.6 | 220        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 58    | U         | 58  | 54.6 | 220        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 49    | U         | 49  | 54.6 | 220        | ug/Kg |
| 91-20-3        | Naphthalene                 | 31    | U         | 31  | 54.6 | 220        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 46    | U         | 46  | 54.6 | 420        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 45    | U         | 45  | 54.6 | 220        | ug/Kg |
| 105-60-2       | Caprolactam                 | 82    | U         | 82  | 110  | 420        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 53    | U         | 53  | 54.6 | 220        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 31    | U         | 31  | 54.6 | 220        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 41    | U         | 41  | 54.6 | 220        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 120   | U         | 120 | 110  | 420        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 31    | U         | 31  | 54.6 | 220        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 42    | U         | 42  | 54.6 | 220        | ug/Kg |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/23/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/23/2024 12:00:00 AM |
| Client Sample ID:  | CC0R3        | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-14     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 22.1                   |
| 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 |
| BG063186.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 33    | U         | 33  | 54.6 | 220        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 42    | U         | 42  | 54.6 | 220        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 58    | U         | 58  | 54.6 | 220        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 39    | U         | 39  | 54.6 | 220        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 26    | U         | 26  | 54.6 | 220        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 37    | U         | 37  | 54.6 | 220        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 85    | U         | 85  | 110  | 420        | ug/Kg |
| 83-32-9    | Acenaphthene               | 33    | U         | 33  | 54.6 | 220        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 170   | U         | 170 | 110  | 420        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 56    | U         | 56  | 110  | 420        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 35    | U         | 35  | 54.6 | 220        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 45    | U         | 45  | 54.6 | 220        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 42    | U         | 42  | 54.6 | 220        | ug/Kg |
| 86-73-7    | Fluorene                   | 35    | U         | 35  | 54.6 | 220        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 26    | U         | 26  | 54.6 | 220        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 31    | U         | 31  | 110  | 420        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 49    | U         | 49  | 110  | 420        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 31    | U         | 31  | 54.6 | 220        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 44    | U         | 44  | 54.6 | 220        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 33    | U         | 33  | 54.6 | 220        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 36    | U         | 36  | 54.6 | 220        | ug/Kg |
| 1912-24-9  | Atrazine                   | 36    | U         | 36  | 110  | 420        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 110   | U         | 110 | 110  | 420        | ug/Kg |
| 85-01-8    | Phenanthrene               | 35    | U         | 35  | 54.6 | 220        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 47    | U         | 47  | 54.6 | 220        | ug/Kg |
| 120-12-7   | Anthracene                 | 32    | U         | 32  | 54.6 | 220        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 22    | U         | 22  | 54.6 | 220        | ug/Kg |
| 86-74-8    | Carbazole                  | 44    | U         | 44  | 110  | 420        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 35    | U         | 35  | 54.6 | 220        | ug/Kg |
| 206-44-0   | Fluoranthene               | 24    | U         | 24  | 110  | 220        | ug/Kg |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/23/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/23/2024 12:00:00 AM |
| Client Sample ID:  | CC0R3        | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-14     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 22.1                   |
| 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 |
| BG063186.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 23     | U         | 23     | 54.6 | 220        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 28     | U         | 28     | 54.6 | 220        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 67     | U         | 67     | 110  | 420        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 30     | U         | 30     | 54.6 | 220        | ug/Kg    |
| 218-01-9          | Chrysene                    | 31     | U         | 31     | 54.6 | 220        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 32     | U         | 32     | 54.6 | 220        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 62     | U         | 62     | 110  | 420        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 47     | U         | 47     | 54.6 | 220        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 49     | U         | 49     | 54.6 | 220        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 40     | U         | 40     | 54.6 | 220        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 36     | U         | 36     | 54.6 | 220        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 33     | U         | 33     | 54.6 | 220        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 41     | U         | 41     | 54.6 | 220        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 46     | U         | 46     | 54.6 | 220        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.962  |           | 15-120 |      | 50         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 19.461 |           | 20-120 |      | 49         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 28.753 |           | 10-130 |      | 72         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 26.184 |           | 10-150 |      | 65         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 29.445 |           | 15-120 |      | 74         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 28.906 |           | 10-140 |      | 72         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 27.624 |           | 10-135 |      | 69         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.448 |           | 10-120 |      | 69         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 30.018 |           | 10-140 |      | 75         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 26.561 |           | 1-145  |      | 66         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.092 |           | 10-145 |      | 65         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 29.592 |           | 15-120 |      | 74         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 24.232 |           | 10-150 |      | 61         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.923 |           | 20-140 |      | 72         | SPK: -40 |



## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/23/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/23/2024 12:00:00 AM |
| Client Sample ID:  | CC0R3        | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-14     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 22.1                   |
| 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 |
| BG063186.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 21.911 |           | 10-130 |     | 55         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 30.479 |           | 10-150 |     | 76         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 31.056 |           | 10-130 |     | 78         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 30.678 |           | 10-140 |     | 77         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 68367  | 7.837     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 315323 | 10.628    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 297351 | 14.476    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 751011 | 17.226    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 800256 | 21.48     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 859234 | 24.512    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
| 022469-52-9                           | 1,2,4-Metheno-1H-indene, octahydro | 92     | J         |        |     | 13.213     |          |
| 000119-61-9                           | Benzophenone                       | 260    | J         |        |     | 15.834     |          |
| 020675-95-0                           | (E)-2,6-Dimethoxy-4-(prop-1-en-1-y | 150    | J         |        |     | 16.263     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 280    | J         |        |     | 18.131     |          |
| E966796                               | Total Alkanes                      | 33     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P1        | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-06     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 4.7                    |
| 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 |
| BG063187.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 28    | U         | 28  | 6.9  | 70         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 61    | U         | 61  | 86.6 | 350        | ug/Kg |
| 110-86-1       | Pyridine                    | 81    | U         | 81  | 170  | 350        | ug/Kg |
| 108-95-2       | Phenol                      | 31    | U         | 31  | 86.6 | 350        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 30    | U         | 30  | 86.6 | 350        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 29    | U         | 29  | 44.6 | 180        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 33    | U         | 33  | 86.6 | 350        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 42    | U         | 42  | 86.6 | 350        | ug/Kg |
| 98-86-2        | Acetophenone                | 69    | U         | 69  | 86.6 | 350        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 56    | U         | 56  | 86.6 | 350        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 83    | U         | 83  | 44.6 | 180        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 64    | U         | 64  | 44.6 | 180        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 67    | U         | 67  | 44.6 | 180        | ug/Kg |
| 78-59-1        | Isophorone                  | 69    | U         | 69  | 44.6 | 180        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 63    | U         | 63  | 44.6 | 180        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 34    | U         | 34  | 44.6 | 180        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 47    | U         | 47  | 44.6 | 180        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 40    | U         | 40  | 44.6 | 180        | ug/Kg |
| 91-20-3        | Naphthalene                 | 25    | U         | 25  | 44.6 | 180        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 38    | U         | 38  | 44.6 | 350        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 37    | U         | 37  | 44.6 | 180        | ug/Kg |
| 105-60-2       | Caprolactam                 | 67    | U         | 67  | 86.6 | 350        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 43    | U         | 43  | 44.6 | 180        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 25    | U         | 25  | 44.6 | 180        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 34    | U         | 34  | 44.6 | 180        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 100   | U         | 100 | 86.6 | 350        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 25    | U         | 25  | 44.6 | 180        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 35    | U         | 35  | 44.6 | 180        | ug/Kg |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P1        | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-06     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 4.7                    |
| 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 |
| BG063187.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 27    | U         | 27  | 44.6 | 180        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 35    | U         | 35  | 44.6 | 180        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 47    | U         | 47  | 44.6 | 180        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 31    | U         | 31  | 44.6 | 180        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 21    | U         | 21  | 44.6 | 180        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 30    | U         | 30  | 44.6 | 180        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 69    | U         | 69  | 86.6 | 350        | ug/Kg |
| 83-32-9    | Acenaphthene               | 27    | U         | 27  | 44.6 | 180        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 140   | U         | 140 | 86.6 | 350        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 46    | U         | 46  | 86.6 | 350        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 28    | U         | 28  | 44.6 | 180        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 37    | U         | 37  | 44.6 | 180        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 35    | U         | 35  | 44.6 | 180        | ug/Kg |
| 86-73-7    | Fluorene                   | 28    | U         | 28  | 44.6 | 180        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 21    | U         | 21  | 44.6 | 180        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 25    | U         | 25  | 86.6 | 350        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 40    | U         | 40  | 86.6 | 350        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 25    | U         | 25  | 44.6 | 180        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 36    | U         | 36  | 44.6 | 180        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 27    | U         | 27  | 44.6 | 180        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 29    | U         | 29  | 44.6 | 180        | ug/Kg |
| 1912-24-9  | Atrazine                   | 29    | U         | 29  | 86.6 | 350        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 92    | U         | 92  | 86.6 | 350        | ug/Kg |
| 85-01-8    | Phenanthrene               | 28    | U         | 28  | 44.6 | 180        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 39    | U         | 39  | 44.6 | 180        | ug/Kg |
| 120-12-7   | Anthracene                 | 26    | U         | 26  | 44.6 | 180        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 18    | U         | 18  | 44.6 | 180        | ug/Kg |
| 86-74-8    | Carbazole                  | 36    | U         | 36  | 86.6 | 350        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 28    | U         | 28  | 44.6 | 180        | ug/Kg |
| 206-44-0   | Fluoranthene               | 20    | U         | 20  | 86.6 | 180        | ug/Kg |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P1        | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-06     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 4.7                    |
| 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 |
| BG063187.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 19     | U         | 19     | 44.6 | 180        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 23     | U         | 23     | 44.6 | 180        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 55     | U         | 55     | 86.6 | 350        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 24     | U         | 24     | 44.6 | 180        | ug/Kg    |
| 218-01-9          | Chrysene                    | 25     | U         | 25     | 44.6 | 180        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 26     | U         | 26     | 44.6 | 180        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 50     | U         | 50     | 86.6 | 350        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 39     | U         | 39     | 44.6 | 180        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 40     | U         | 40     | 44.6 | 180        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 33     | U         | 33     | 44.6 | 180        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 29     | U         | 29     | 44.6 | 180        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 27     | U         | 27     | 44.6 | 180        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 34     | U         | 34     | 44.6 | 180        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 38     | U         | 38     | 44.6 | 180        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.812  |           | 15-120 |      | 48         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 17.083 |           | 20-120 |      | 43         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 24.147 |           | 10-130 |      | 60         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 22.566 |           | 10-150 |      | 56         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 25.288 |           | 15-120 |      | 63         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 25.063 |           | 10-140 |      | 63         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 24.599 |           | 10-135 |      | 61         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 24.263 |           | 10-120 |      | 61         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 25.193 |           | 10-140 |      | 63         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.184 |           | 1-145  |      | 58         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 22.567 |           | 10-145 |      | 56         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 25.609 |           | 15-120 |      | 64         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 21.847 |           | 10-150 |      | 55         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 24.587 |           | 20-140 |      | 61         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P1        | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-06     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 4.7                    |
| 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 |
| BG063187.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 20.002 |           | 10-130 |     | 50         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 25.766 |           | 10-150 |     | 64         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 27.423 |           | 10-130 |     | 69         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 26.187 |           | 10-140 |     | 65         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 69456  | 7.84      |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 334883 | 10.625    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 320339 | 14.474    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 829025 | 17.229    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 875702 | 21.477    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 948052 | 24.515    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 170    | J         |        |     | 15.837     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 140    | J         |        |     | 18.128     |          |
| E966796                               | Total Alkanes                 | 27     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/23/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/23/2024 12:00:00 AM |
| Client Sample ID:  | CC0R7     | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-17  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 18.8                   |
| 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 |
| BG063188.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 33    | U         | 33  | 8.1  | 82         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 71    | U         | 71  | 100  | 410        | ug/Kg |
| 110-86-1       | Pyridine                    | 95    | U         | 95  | 200  | 410        | ug/Kg |
| 108-95-2       | Phenol                      | 37    | U         | 37  | 100  | 410        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 36    | U         | 36  | 100  | 410        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 34    | U         | 34  | 52.3 | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 38    | U         | 38  | 100  | 410        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 49    | U         | 49  | 100  | 410        | ug/Kg |
| 98-86-2        | Acetophenone                | 81    | U         | 81  | 100  | 410        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 65    | U         | 65  | 100  | 410        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 97    | U         | 97  | 52.3 | 210        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 75    | U         | 75  | 52.3 | 210        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 79    | U         | 79  | 52.3 | 210        | ug/Kg |
| 78-59-1        | Isophorone                  | 81    | U         | 81  | 52.3 | 210        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 74    | U         | 74  | 52.3 | 210        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 39    | U         | 39  | 52.3 | 210        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 55    | U         | 55  | 52.3 | 210        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 47    | U         | 47  | 52.3 | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 30    | U         | 30  | 52.3 | 210        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 44    | U         | 44  | 52.3 | 410        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 43    | U         | 43  | 52.3 | 210        | ug/Kg |
| 105-60-2       | Caprolactam                 | 79    | U         | 79  | 100  | 410        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 50    | U         | 50  | 52.3 | 210        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 30    | U         | 30  | 52.3 | 210        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 39    | U         | 39  | 52.3 | 210        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 120   | U         | 120 | 100  | 410        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 30    | U         | 30  | 52.3 | 210        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 41    | U         | 41  | 52.3 | 210        | ug/Kg |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/23/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/23/2024 12:00:00 AM |
| Client Sample ID:  | CC0R7        | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-17     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 18.8                   |
| 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 |
| BG063188.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 32    | U         | 32  | 52.3 | 210        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 41    | U         | 41  | 52.3 | 210        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 55    | U         | 55  | 52.3 | 210        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 37    | U         | 37  | 52.3 | 210        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 25    | U         | 25  | 52.3 | 210        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 36    | U         | 36  | 52.3 | 210        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 81    | U         | 81  | 100  | 410        | ug/Kg |
| 83-32-9    | Acenaphthene               | 32    | U         | 32  | 52.3 | 210        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 160   | U         | 160 | 100  | 410        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 54    | U         | 54  | 100  | 410        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 33    | U         | 33  | 52.3 | 210        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 43    | U         | 43  | 52.3 | 210        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 41    | U         | 41  | 52.3 | 210        | ug/Kg |
| 86-73-7    | Fluorene                   | 33    | U         | 33  | 52.3 | 210        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 25    | U         | 25  | 52.3 | 210        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 30    | U         | 30  | 100  | 410        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 47    | U         | 47  | 100  | 410        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 30    | U         | 30  | 52.3 | 210        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 42    | U         | 42  | 52.3 | 210        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 32    | U         | 32  | 52.3 | 210        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 34    | U         | 34  | 52.3 | 210        | ug/Kg |
| 1912-24-9  | Atrazine                   | 34    | U         | 34  | 100  | 410        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 110   | U         | 110 | 100  | 410        | ug/Kg |
| 85-01-8    | Phenanthrene               | 33    | U         | 33  | 52.3 | 210        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 46    | U         | 46  | 52.3 | 210        | ug/Kg |
| 120-12-7   | Anthracene                 | 31    | U         | 31  | 52.3 | 210        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 21    | U         | 21  | 52.3 | 210        | ug/Kg |
| 86-74-8    | Carbazole                  | 42    | U         | 42  | 100  | 410        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 33    | U         | 33  | 52.3 | 210        | ug/Kg |
| 206-44-0   | Fluoranthene               | 23    | U         | 23  | 100  | 210        | ug/Kg |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/23/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/23/2024 12:00:00 AM |
| Client Sample ID:  | CC0R7        | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-17     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 18.8                   |
| 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 |
| BG063188.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 22     | U         | 22     | 52.3 | 210        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 27     | U         | 27     | 52.3 | 210        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 64     | U         | 64     | 100  | 410        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 28     | U         | 28     | 52.3 | 210        | ug/Kg    |
| 218-01-9          | Chrysene                    | 30     | U         | 30     | 52.3 | 210        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 31     | U         | 31     | 52.3 | 210        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 59     | U         | 59     | 100  | 410        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 46     | U         | 46     | 52.3 | 210        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 47     | U         | 47     | 52.3 | 210        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 38     | U         | 38     | 52.3 | 210        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 34     | U         | 34     | 52.3 | 210        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 32     | U         | 32     | 52.3 | 210        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 39     | U         | 39     | 52.3 | 210        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 44     | U         | 44     | 52.3 | 210        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.188  |           | 15-120 |      | 52         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 5.745  | *         | 20-120 |      | 14         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 26.664 |           | 10-130 |      | 67         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 26.155 |           | 10-150 |      | 65         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 27.805 |           | 15-120 |      | 70         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 27.617 |           | 10-140 |      | 69         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 28.238 |           | 10-135 |      | 71         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.993 |           | 10-120 |      | 70         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 27.802 |           | 10-140 |      | 70         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.093 |           | 1-145  |      | 58         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 23.789 |           | 10-145 |      | 59         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 26.97  |           | 15-120 |      | 67         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 23     |           | 10-150 |      | 57         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 26.565 |           | 20-140 |      | 66         | SPK: -40 |



## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/23/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/23/2024 12:00:00 AM |
| Client Sample ID:  | CC0R7        | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-17     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 18.8                   |
| 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 |
| BG063188.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 21.916  |           | 10-130 |     | 55         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 27.692  |           | 10-150 |     | 69         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 29.123  |           | 10-130 |     | 73         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 28.011  |           | 10-140 |     | 70         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 82446   | 7.842     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 390260  | 10.633    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 365853  | 14.476    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 912380  | 17.225    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 959606  | 21.479    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1033501 | 24.517    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 240     | J         |        |     | 15.839     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 170     | J         |        |     | 18.13      |          |
| E966796                               | Total Alkanes                 | 32      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/23/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 10/23/2024 12:00:00 AM |
| Client Sample ID:  | CC0R7MS        | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-18MS     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 18.8                   |
| Sample Wt/Vol:     | 30.07 Units: g | Final Vol:      | 500 uL                 |
| Soil Aliquot Vol:  | uL             | Test:           |                        |
| Extraction Type :  | Decanted :     | Level :         | LOW                    |
| Injection Volume : | GPC Factor :   | GPC Cleanup :   | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063189.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 430   |           | 33  | 8.1  | 82         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 260   | J         | 71  | 100  | 410        | ug/Kg |
| 110-86-1       | Pyridine                    | 1300  |           | 95  | 200  | 410        | ug/Kg |
| 108-95-2       | Phenol                      | 1600  |           | 37  | 100  | 410        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1400  |           | 36  | 100  | 410        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1600  |           | 34  | 52.2 | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1700  |           | 38  | 100  | 410        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1500  |           | 49  | 100  | 410        | ug/Kg |
| 98-86-2        | Acetophenone                | 1500  |           | 81  | 100  | 410        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 1600  |           | 65  | 100  | 410        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1500  |           | 97  | 52.2 | 210        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1500  |           | 75  | 52.2 | 210        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1500  |           | 79  | 52.2 | 210        | ug/Kg |
| 78-59-1        | Isophorone                  | 1400  |           | 81  | 52.2 | 210        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1600  |           | 74  | 52.2 | 210        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 1600  |           | 39  | 52.2 | 210        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1500  |           | 55  | 52.2 | 210        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1700  |           | 47  | 52.2 | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1500  |           | 29  | 52.2 | 210        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 830   |           | 44  | 52.2 | 410        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1500  |           | 43  | 52.2 | 210        | ug/Kg |
| 105-60-2       | Caprolactam                 | 1400  |           | 79  | 100  | 410        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1600  |           | 50  | 52.2 | 210        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 1500  |           | 29  | 52.2 | 210        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1600  |           | 39  | 52.2 | 210        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 1200  |           | 120 | 100  | 410        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1700  |           | 29  | 52.2 | 210        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1700  |           | 41  | 52.2 | 210        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                             |
|--------------------|------------------------|-----------------|-----------------------------|
| Client:            |                        | Date Collected: | 10/23/2024 12:00:00 AM      |
| Project:           |                        | Date Received:  | 10/23/2024 12:00:00 AM      |
| Client Sample ID:  | CC0R7MS                | SDG No.:        | BG110624                    |
| Lab Sample ID:     | P4634-18MS             | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 18.8                        |
| Sample Wt/Vol:     | 30.07      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                     | Test:           |                             |
| Extraction Type :  | Decanted :             | Level :         | LOW                         |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063189.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1600  |           | 32  | 52.2 | 210        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 1600  |           | 41  | 52.2 | 210        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 1600  |           | 55  | 52.2 | 210        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 1400  |           | 37  | 52.2 | 210        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 1600  |           | 25  | 52.2 | 210        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1600  |           | 36  | 52.2 | 210        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 1600  |           | 81  | 100  | 410        | ug/Kg |
| 83-32-9    | Acenaphthene               | 1600  |           | 32  | 52.2 | 210        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 1500  |           | 160 | 100  | 410        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 1500  |           | 54  | 100  | 410        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 1600  |           | 33  | 52.2 | 210        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 1500  |           | 43  | 52.2 | 210        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 1400  |           | 41  | 52.2 | 210        | ug/Kg |
| 86-73-7    | Fluorene                   | 1500  |           | 33  | 52.2 | 210        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1500  |           | 25  | 52.2 | 210        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 1800  |           | 29  | 100  | 410        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1600  |           | 47  | 100  | 410        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1700  |           | 29  | 52.2 | 210        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1600  |           | 42  | 52.2 | 210        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1700  |           | 32  | 52.2 | 210        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1700  |           | 34  | 52.2 | 210        | ug/Kg |
| 1912-24-9  | Atrazine                   | 1500  |           | 34  | 100  | 410        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 1600  |           | 110 | 100  | 410        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1600  |           | 33  | 52.2 | 210        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 1700  |           | 45  | 52.2 | 210        | ug/Kg |
| 120-12-7   | Anthracene                 | 1600  |           | 31  | 52.2 | 210        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1800  |           | 21  | 52.2 | 210        | ug/Kg |
| 86-74-8    | Carbazole                  | 1600  |           | 42  | 100  | 410        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1500  |           | 33  | 52.2 | 210        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1600  |           | 23  | 100  | 210        | ug/Kg |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/23/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 10/23/2024 12:00:00 AM |
| Client Sample ID:  | CC0R7MS        | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-18MS     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 18.8                   |
| Sample Wt/Vol:     | 30.07 Units: g | Final Vol:      | 500 uL                 |
| Soil Aliquot Vol:  | uL             | Test:           |                        |
| Extraction Type :  | Decanted :     | Level :         | LOW                    |
| Injection Volume : | GPC Factor :   | GPC Cleanup :   | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063189.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1600   |           | 22     | 52.2 | 210        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1700   |           | 27     | 52.2 | 210        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1600   |           | 64     | 100  | 410        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1600   |           | 28     | 52.2 | 210        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1600   |           | 29     | 52.2 | 210        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1700   |           | 31     | 52.2 | 210        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1700   |           | 59     | 100  | 410        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1600   |           | 45     | 52.2 | 210        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1600   |           | 47     | 52.2 | 210        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1600   |           | 38     | 52.2 | 210        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1600   |           | 34     | 52.2 | 210        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1600   |           | 32     | 52.2 | 210        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1600   |           | 39     | 52.2 | 210        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1600   |           | 44     | 52.2 | 210        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.721  |           | 15-120 |      | 47         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 6.596  | *         | 20-120 |      | 16         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 30.748 |           | 10-130 |      | 77         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 28.095 |           | 10-150 |      | 70         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 31.791 |           | 15-120 |      | 79         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 31.655 |           | 10-140 |      | 79         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 29.474 |           | 10-135 |      | 74         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 30.398 |           | 10-120 |      | 76         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 32.865 |           | 10-140 |      | 82         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 25.121 |           | 1-145  |      | 63         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 27.705 |           | 10-145 |      | 69         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 30.769 |           | 15-120 |      | 77         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 28.504 |           | 10-150 |      | 71         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 30.621 |           | 20-140 |      | 77         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                             |
|--------------------|------------------------|-----------------|-----------------------------|
| Client:            |                        | Date Collected: | 10/23/2024 12:00:00 AM      |
| Project:           |                        | Date Received:  | 10/23/2024 12:00:00 AM      |
| Client Sample ID:  | CC0R7MS                | SDG No.:        | BG110624                    |
| Lab Sample ID:     | P4634-18MS             | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 18.8                        |
| Sample Wt/Vol:     | 30.07      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                     | Test:           |                             |
| Extraction Type :  | Decanted :             | Level :         | LOW                         |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063189.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 29.411  |           | 10-130 |     | 74         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 30.896  |           | 10-150 |     | 77         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 31.483  |           | 10-130 |     | 79         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 31.084  |           | 10-140 |     | 78         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 84023   | 7.838     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 411586  | 10.629    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 391494  | 14.477    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 975814  | 17.227    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1024168 | 21.481    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1092838 | 24.519    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 32      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/23/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 10/23/2024 12:00:00 AM |
| Client Sample ID:  | CC0R7MSD       | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-19MSD    | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 18.8                   |
| Sample Wt/Vol:     | 30.05 Units: g | Final Vol:      | 500 uL                 |
| Soil Aliquot Vol:  | uL             | Test:           |                        |
| Extraction Type :  | Decanted :     | Level :         | LOW                    |
| Injection Volume : | GPC Factor :   | GPC Cleanup :   | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063190.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 410   |           | 33  | 8.1  | 82         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 220   | J         | 71  | 100  | 410        | ug/Kg |
| 110-86-1       | Pyridine                    | 1100  |           | 95  | 200  | 410        | ug/Kg |
| 108-95-2       | Phenol                      | 1400  |           | 37  | 100  | 410        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1200  |           | 36  | 100  | 410        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1400  |           | 34  | 52.3 | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1400  |           | 38  | 100  | 410        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1300  |           | 49  | 100  | 410        | ug/Kg |
| 98-86-2        | Acetophenone                | 1200  |           | 81  | 100  | 410        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 1300  |           | 65  | 100  | 410        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1200  |           | 97  | 52.3 | 210        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1400  |           | 75  | 52.3 | 210        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1400  |           | 79  | 52.3 | 210        | ug/Kg |
| 78-59-1        | Isophorone                  | 1200  |           | 81  | 52.3 | 210        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1400  |           | 74  | 52.3 | 210        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 1400  |           | 39  | 52.3 | 210        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1300  |           | 55  | 52.3 | 210        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1500  |           | 47  | 52.3 | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1400  |           | 30  | 52.3 | 210        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 700   |           | 44  | 52.3 | 410        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1400  |           | 43  | 52.3 | 210        | ug/Kg |
| 105-60-2       | Caprolactam                 | 1300  |           | 79  | 100  | 410        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1500  |           | 50  | 52.3 | 210        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 1400  |           | 30  | 52.3 | 210        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1400  |           | 39  | 52.3 | 210        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 1100  |           | 120 | 100  | 410        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1500  |           | 30  | 52.3 | 210        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1500  |           | 41  | 52.3 | 210        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                             |
|--------------------|------------------------|-----------------|-----------------------------|
| Client:            |                        | Date Collected: | 10/23/2024 12:00:00 AM      |
| Project:           |                        | Date Received:  | 10/23/2024 12:00:00 AM      |
| Client Sample ID:  | CC0R7MSD               | SDG No.:        | BG110624                    |
| Lab Sample ID:     | P4634-19MSD            | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 18.8                        |
| Sample Wt/Vol:     | 30.05      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                     | Test:           |                             |
| Extraction Type :  | Decanted :             | Level :         | LOW                         |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                        |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063190.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1400  |           | 32  | 52.3 | 210        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 1400  |           | 41  | 52.3 | 210        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 1400  |           | 55  | 52.3 | 210        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 1200  |           | 37  | 52.3 | 210        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 1400  |           | 25  | 52.3 | 210        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1300  |           | 36  | 52.3 | 210        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 1400  |           | 81  | 100  | 410        | ug/Kg |
| 83-32-9    | Acenaphthene               | 1400  |           | 32  | 52.3 | 210        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 1300  |           | 160 | 100  | 410        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 1300  |           | 54  | 100  | 410        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 1400  |           | 33  | 52.3 | 210        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 1300  |           | 43  | 52.3 | 210        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 1200  |           | 41  | 52.3 | 210        | ug/Kg |
| 86-73-7    | Fluorene                   | 1300  |           | 33  | 52.3 | 210        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1300  |           | 25  | 52.3 | 210        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 1500  |           | 30  | 100  | 410        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1300  |           | 47  | 100  | 410        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1400  |           | 30  | 52.3 | 210        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1400  |           | 42  | 52.3 | 210        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1400  |           | 32  | 52.3 | 210        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1400  |           | 34  | 52.3 | 210        | ug/Kg |
| 1912-24-9  | Atrazine                   | 1300  |           | 34  | 100  | 410        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 1400  |           | 110 | 100  | 410        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1400  |           | 33  | 52.3 | 210        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 1400  |           | 45  | 52.3 | 210        | ug/Kg |
| 120-12-7   | Anthracene                 | 1400  |           | 31  | 52.3 | 210        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1500  |           | 21  | 52.3 | 210        | ug/Kg |
| 86-74-8    | Carbazole                  | 1400  |           | 42  | 100  | 410        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1300  |           | 33  | 52.3 | 210        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1400  |           | 23  | 100  | 210        | ug/Kg |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/23/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 10/23/2024 12:00:00 AM |
| Client Sample ID:  | CC0R7MSD       | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-19MSD    | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 18.8                   |
| Sample Wt/Vol:     | 30.05 Units: g | Final Vol:      | 500 uL                 |
| Soil Aliquot Vol:  | uL             | Test:           |                        |
| Extraction Type :  | Decanted :     | Level :         | LOW                    |
| Injection Volume : | GPC Factor :   | GPC Cleanup :   | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063190.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1400   |           | 22     | 52.3 | 210        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1500   |           | 27     | 52.3 | 210        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1300   |           | 64     | 100  | 410        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1400   |           | 28     | 52.3 | 210        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1400   |           | 30     | 52.3 | 210        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1500   |           | 31     | 52.3 | 210        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1500   |           | 59     | 100  | 410        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1400   |           | 45     | 52.3 | 210        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1400   |           | 47     | 52.3 | 210        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1400   |           | 38     | 52.3 | 210        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1400   |           | 34     | 52.3 | 210        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1400   |           | 32     | 52.3 | 210        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1400   |           | 39     | 52.3 | 210        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1400   |           | 44     | 52.3 | 210        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.911  |           | 15-120 |      | 49         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 5.619  | *         | 20-120 |      | 14         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 26.076 |           | 10-130 |      | 65         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 24.31  |           | 10-150 |      | 61         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 27.351 |           | 15-120 |      | 68         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 26.372 |           | 10-140 |      | 66         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 26.216 |           | 10-135 |      | 66         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 26.383 |           | 10-120 |      | 66         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.992 |           | 10-140 |      | 72         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 22.039 |           | 1-145  |      | 55         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 23.151 |           | 10-145 |      | 58         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 25.972 |           | 15-120 |      | 65         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 25.348 |           | 10-150 |      | 63         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.559 |           | 20-140 |      | 64         | SPK: -40 |



## Report of Analysis

|                    |                     |                 |                        |
|--------------------|---------------------|-----------------|------------------------|
| Client:            |                     | Date Collected: | 10/23/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 10/23/2024 12:00:00 AM |
| Client Sample ID:  | CC0R7MSD            | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-19MSD         | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC           | % Moisture:     | 18.8                   |
| Sample Wt/Vol:     | 30.05      Units: g | Final Vol:      | 500      uL            |
| Soil Aliquot Vol:  | uL                  | Test:           |                        |
| Extraction Type :  | Decanted :          | Level :         | LOW                    |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063190.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 24.243  |           | 10-130 |     | 61         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 26.598  |           | 10-150 |     | 66         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 27.163  |           | 10-130 |     | 68         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 27.066  |           | 10-140 |     | 68         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 82904   | 7.838     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 379824  | 10.628    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 371380  | 14.477    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 952706  | 17.227    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1020879 | 21.48     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1070613 | 24.518    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 32      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/1/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS608      | SDG No.:        | BG110624              |
| Lab Sample ID:     | PB164608BS   | 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 |
| BG063191.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 280   |           | 27  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 150   | J         | 58  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 830   |           | 77  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 1000  |           | 30  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 870   |           | 29  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1000  |           | 28  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1000  |           | 31  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 900   |           | 40  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 880   |           | 66  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 1000  |           | 53  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 850   |           | 79  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 950   |           | 61  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 950   |           | 64  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 830   |           | 66  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1000  |           | 60  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 910   |           | 32  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 910   |           | 45  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1100  |           | 38  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 950   |           | 24  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 510   |           | 36  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 960   |           | 35  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 860   |           | 64  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1000  |           | 41  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 930   |           | 24  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 990   |           | 32  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 710   |           | 97  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1100  |           | 24  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1100  |           | 33  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/1/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS608      | SDG No.:        | BG110624              |
| Lab Sample ID:     | PB164608BS   | 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 |
| BG063191.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 970   |           | 26  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 980   |           | 33  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 950   |           | 45  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 830   |           | 30  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 960   |           | 20  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 970   |           | 29  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 1000  |           | 66  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 960   |           | 26  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 950   |           | 130 | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 990   |           | 44  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 950   |           | 27  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 920   |           | 35  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 840   |           | 33  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 950   |           | 27  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 950   |           | 20  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 1100  |           | 24  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1000  |           | 38  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 990   |           | 24  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 970   |           | 34  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1000  |           | 26  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1000  |           | 28  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 900   |           | 28  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 1100  |           | 88  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1000  |           | 27  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 1000  |           | 37  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 1000  |           | 25  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1100  |           | 17  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 1000  |           | 34  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1000  |           | 27  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1000  |           | 19  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/1/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS608      | SDG No.:        | BG110624              |
| Lab Sample ID:     | PB164608BS   | 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 |
| BG063191.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1000   |           | 18     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1100   |           | 22     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1000   |           | 52     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1000   |           | 23     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1000   |           | 24     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1100   |           | 25     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1100   |           | 48     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1000   |           | 37     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1000   |           | 38     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1000   |           | 31     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1000   |           | 28     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1000   |           | 26     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1000   |           | 32     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1000   |           | 36     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.519  |           | 15-120 |      | 56         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 23.119 |           | 20-120 |      | 58         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 29.239 |           | 10-130 |      | 73         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 25.69  |           | 10-150 |      | 64         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 30.998 |           | 15-120 |      | 77         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 29.268 |           | 10-140 |      | 73         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 29.099 |           | 10-135 |      | 73         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 28.775 |           | 10-120 |      | 72         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 31.893 |           | 10-140 |      | 80         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 25.014 |           | 1-145  |      | 63         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 24.999 |           | 10-145 |      | 62         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 27.898 |           | 15-120 |      | 70         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 29.147 |           | 10-150 |      | 73         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 27.173 |           | 20-140 |      | 68         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/1/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS608      | SDG No.:        | BG110624              |
| Lab Sample ID:     | PB164608BS   | 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 |
| BG063191.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 28.63   |           | 10-130 |     | 72         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 29.209  |           | 10-150 |     | 73         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 30.014  |           | 10-130 |     | 75         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 29.388  |           | 10-140 |     | 73         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 89027   | 7.843     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 408628  | 10.628    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 397765  | 14.476    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1007114 | 17.226    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1065181 | 21.486    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1134667 | 24.518    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 26      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/1/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK608      | SDG No.:        | BG110624              |
| Lab Sample ID:     | PB164608BL   | 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 |
| BG063193.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 27    | U         | 27  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 58    | U         | 58  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 77    | U         | 77  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 30    | U         | 30  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 29    | U         | 29  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 31    | U         | 31  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 40    | U         | 40  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 66    | U         | 66  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 53    | U         | 53  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 79    | U         | 79  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 61    | U         | 61  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 64    | U         | 64  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 66    | U         | 66  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 60    | U         | 60  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 38    | U         | 38  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 36    | U         | 36  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 35    | U         | 35  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 64    | U         | 64  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 97    | U         | 97  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 33    | U         | 33  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/1/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK608      | SDG No.:        | BG110624              |
| Lab Sample ID:     | PB164608BL   | 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 |
| BG063193.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 30    | U         | 30  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 20    | U         | 20  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 29    | U         | 29  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 66    | U         | 66  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 130   | U         | 130 | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 44    | U         | 44  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 35    | U         | 35  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 20    | U         | 20  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 24    | U         | 24  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 38    | U         | 38  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 28    | U         | 28  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 88    | U         | 88  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 37    | U         | 37  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 25    | U         | 25  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 17    | U         | 17  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 34    | U         | 34  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 19    | U         | 19  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/1/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK608      | SDG No.:        | BG110624              |
| Lab Sample ID:     | PB164608BL   | 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 |
| BG063193.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 18     | U         | 18     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 22     | U         | 22     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 52     | U         | 52     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 23     | U         | 23     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 24     | U         | 24     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 25     | U         | 25     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 48     | U         | 48     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 38     | U         | 38     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 31     | U         | 31     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 28     | U         | 28     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 26     | U         | 26     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 32     | U         | 32     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 36     | U         | 36     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.503  |           | 15-120 |      | 56         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 23.689 |           | 20-120 |      | 59         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 28.226 |           | 10-130 |      | 71         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 26.977 |           | 10-150 |      | 67         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 28.992 |           | 15-120 |      | 72         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 28.56  |           | 10-140 |      | 71         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 26.113 |           | 10-135 |      | 65         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 26.612 |           | 10-120 |      | 67         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.004 |           | 10-140 |      | 70         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 26.072 |           | 1-145  |      | 65         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 24.482 |           | 10-145 |      | 61         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 27.078 |           | 15-120 |      | 68         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 23.26  |           | 10-150 |      | 58         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 26.647 |           | 20-140 |      | 67         | SPK: -40 |



## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/1/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK608      | SDG No.:        | BG110624              |
| Lab Sample ID:     | PB164608BL   | 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 |
| BG063193.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 22.32  |           | 10-130 |     | 56         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 28.681 |           | 10-150 |     | 72         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 29.35  |           | 10-130 |     | 73         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 28.029 |           | 10-140 |     | 70         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 64544  | 7.839     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 321039 | 10.63     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 323181 | 14.478    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 818064 | 17.228    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 877524 | 21.476    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 952142 | 24.513    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 26     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | C0PI0     | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-01  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 29.3                   |
| 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 |
| BG063194.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 38    | U         | 38  | 9.3  | 94         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 82    | U         | 82  | 120  | 470        | ug/Kg |
| 110-86-1       | Pyridine                    | 110   | U         | 110 | 230  | 470        | ug/Kg |
| 108-95-2       | Phenol                      | 42    | U         | 42  | 120  | 470        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 41    | U         | 41  | 120  | 470        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 40    | U         | 40  | 60.1 | 240        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 44    | U         | 44  | 120  | 470        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 57    | U         | 57  | 120  | 470        | ug/Kg |
| 98-86-2        | Acetophenone                | 93    | U         | 93  | 120  | 470        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 75    | U         | 75  | 120  | 470        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 110   | U         | 110 | 60.1 | 240        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 86    | U         | 86  | 60.1 | 240        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 91    | U         | 91  | 60.1 | 240        | ug/Kg |
| 78-59-1        | Isophorone                  | 93    | U         | 93  | 60.1 | 240        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 85    | U         | 85  | 60.1 | 240        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 45    | U         | 45  | 60.1 | 240        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 64    | U         | 64  | 60.1 | 240        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 54    | U         | 54  | 60.1 | 240        | ug/Kg |
| 91-20-3        | Naphthalene                 | 34    | U         | 34  | 60.1 | 240        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 51    | U         | 51  | 60.1 | 470        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 50    | U         | 50  | 60.1 | 240        | ug/Kg |
| 105-60-2       | Caprolactam                 | 91    | U         | 91  | 120  | 470        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 58    | U         | 58  | 60.1 | 240        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 34    | U         | 34  | 60.1 | 240        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 45    | U         | 45  | 60.1 | 240        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 140   | U         | 140 | 120  | 470        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 34    | U         | 34  | 60.1 | 240        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 47    | U         | 47  | 60.1 | 240        | ug/Kg |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | C0PI0     | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-01  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 29.3                   |
| 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 |
| BG063194.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 37    | U         | 37  | 60.1 | 240        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 47    | U         | 47  | 60.1 | 240        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 64    | U         | 64  | 60.1 | 240        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 42    | U         | 42  | 60.1 | 240        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 28    | U         | 28  | 60.1 | 240        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 41    | U         | 41  | 60.1 | 240        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 93    | U         | 93  | 120  | 470        | ug/Kg |
| 83-32-9    | Acenaphthene               | 37    | U         | 37  | 60.1 | 240        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 180   | U         | 180 | 120  | 470        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 62    | U         | 62  | 120  | 470        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 38    | U         | 38  | 60.1 | 240        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 50    | U         | 50  | 60.1 | 240        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 47    | U         | 47  | 60.1 | 240        | ug/Kg |
| 86-73-7    | Fluorene                   | 38    | U         | 38  | 60.1 | 240        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 28    | U         | 28  | 60.1 | 240        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 34    | U         | 34  | 120  | 470        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 54    | U         | 54  | 120  | 470        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 34    | U         | 34  | 60.1 | 240        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 48    | U         | 48  | 60.1 | 240        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 37    | U         | 37  | 60.1 | 240        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 40    | U         | 40  | 60.1 | 240        | ug/Kg |
| 1912-24-9  | Atrazine                   | 40    | U         | 40  | 120  | 470        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 120   | U         | 120 | 120  | 470        | ug/Kg |
| 85-01-8    | Phenanthrene               | 38    | U         | 38  | 60.1 | 240        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 52    | U         | 52  | 60.1 | 240        | ug/Kg |
| 120-12-7   | Anthracene                 | 35    | U         | 35  | 60.1 | 240        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 24    | U         | 24  | 60.1 | 240        | ug/Kg |
| 86-74-8    | Carbazole                  | 48    | U         | 48  | 120  | 470        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 38    | U         | 38  | 60.1 | 240        | ug/Kg |
| 206-44-0   | Fluoranthene               | 27    | U         | 27  | 120  | 240        | ug/Kg |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | C0PI0     | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-01  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 29.3                   |
| 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 |
| BG063194.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 25     | U         | 25     | 60.1 | 240        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 31     | U         | 31     | 60.1 | 240        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 74     | U         | 74     | 120  | 470        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 33     | U         | 33     | 60.1 | 240        | ug/Kg    |
| 218-01-9          | Chrysene                    | 34     | U         | 34     | 60.1 | 240        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 35     | U         | 35     | 60.1 | 240        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 68     | U         | 68     | 120  | 470        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 52     | U         | 52     | 60.1 | 240        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 54     | U         | 54     | 60.1 | 240        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 44     | U         | 44     | 60.1 | 240        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 40     | U         | 40     | 60.1 | 240        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 37     | U         | 37     | 60.1 | 240        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 45     | U         | 45     | 60.1 | 240        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 51     | U         | 51     | 60.1 | 240        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.116  |           | 15-120 |      | 39         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 5.538  | *         | 20-120 |      | 14         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 18.575 |           | 10-130 |      | 46         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 18.259 |           | 10-150 |      | 46         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 19.827 |           | 15-120 |      | 50         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 19.536 |           | 10-140 |      | 49         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 19.271 |           | 10-135 |      | 48         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 20.054 |           | 10-120 |      | 50         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 19.907 |           | 10-140 |      | 50         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 17.856 |           | 1-145  |      | 45         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 18.867 |           | 10-145 |      | 47         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 21.773 |           | 15-120 |      | 54         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 17.366 |           | 10-150 |      | 43         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 21.3   |           | 20-140 |      | 53         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | C0PI0        | SDG No.:        | BG110624               |
| Lab Sample ID:     | P4634-01     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 29.3                   |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                 |
| Soil Aliquot Vol:  | uL           | Test:           |                        |
| Extraction Type :  | Decanted :   | Level :         | LOW                    |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063194.D        | 1         | 11/1/2024 12:00:00 AM | 11/7/2024 12:00:00 AM | PB164608      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 16.392  |           | 10-130 |     | 41         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 20.802  |           | 10-150 |     | 52         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 22.055  |           | 10-130 |     | 55         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 21.201  |           | 10-140 |     | 53         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 95505   | 7.842     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 448521  | 10.627    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 422539  | 14.475    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1091212 | 17.231    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1164564 | 21.479    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1252894 | 24.516    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 200     | J         |        |     | 15.832     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 120     | J         |        |     | 18.13      |          |
| E966796                               | Total Alkanes                 | 37      | U         |        |     | 99         | ug/Kg    |

### Hit Summary Sheet SW-846

SDG No.: BG110624

Client:

| Sample ID                   | Client ID | Matrix | Parameter                            | Concentration | C             | MDL | RDL | Units |
|-----------------------------|-----------|--------|--------------------------------------|---------------|---------------|-----|-----|-------|
| <b>Client ID : C0P10</b>    |           |        |                                      |               |               |     |     |       |
| P4634-01                    | C0P10     | Solid  | Benzophenone                         | *             | 200.000       | J   |     |       |
| P4634-01                    | C0P10     | Solid  | n-Hexadecanoic acid                  | *             | 120.000       | J   |     |       |
| P4634-01                    | C0P10     | Solid  | Total Alkanes                        | *             | 0.000         | 37  | 240 | ug/Kg |
| <b>Total Tics :</b>         |           |        |                                      |               | <b>320.00</b> |     |     |       |
| <b>Total Concentration:</b> |           |        |                                      |               | <b>320.00</b> |     |     |       |
| <b>Client ID : C0P16</b>    |           |        |                                      |               |               |     |     |       |
| P4634-03                    | C0P16     | Solid  | Benzophenone                         | *             | 300.000       | J   |     |       |
| P4634-03                    | C0P16     | Solid  | E-15-Heptadecenal                    | *             | 110.000       | J   |     |       |
| P4634-03                    | C0P16     | Solid  | n-Hexadecanoic acid                  | *             | 80.000        | J   |     |       |
| P4634-03                    | C0P16     | Solid  | Total Alkanes                        | *             | 0.000         | 30  | 200 | ug/Kg |
| <b>Total Tics :</b>         |           |        |                                      |               | <b>490.00</b> |     |     |       |
| <b>Total Concentration:</b> |           |        |                                      |               | <b>490.00</b> |     |     |       |
| <b>Client ID : C0P19</b>    |           |        |                                      |               |               |     |     |       |
| P4634-05                    | C0P19     | Solid  | Benzophenone                         | *             | 260.000       | J   |     |       |
| P4634-05                    | C0P19     | Solid  | Pentadecafluorooctanoic acid, oct:   | *             | 110.000       | J   |     |       |
| P4634-05                    | C0P19     | Solid  | Tridecanoic acid                     | *             | 130.000       | J   |     |       |
| P4634-05                    | C0P19     | Solid  | Total Alkanes                        | *             | 0.000         | 30  | 200 | ug/Kg |
| <b>Total Tics :</b>         |           |        |                                      |               | <b>500.00</b> |     |     |       |
| <b>Total Concentration:</b> |           |        |                                      |               | <b>500.00</b> |     |     |       |
| <b>Client ID : CC0P1</b>    |           |        |                                      |               |               |     |     |       |
| P4634-06                    | CC0P1     | Solid  | Benzophenone                         | *             | 170.000       | J   |     |       |
| P4634-06                    | CC0P1     | Solid  | n-Hexadecanoic acid                  | *             | 140.000       | J   |     |       |
| P4634-06                    | CC0P1     | Solid  | Total Alkanes                        | *             | 0.000         | 27  | 180 | ug/Kg |
| <b>Total Tics :</b>         |           |        |                                      |               | <b>310.00</b> |     |     |       |
| <b>Total Concentration:</b> |           |        |                                      |               | <b>310.00</b> |     |     |       |
| <b>Client ID : CC0P3</b>    |           |        |                                      |               |               |     |     |       |
| P4634-07                    | CC0P3     | Solid  | 2-Phenanthrenol, 4b,5,6,7,8,8a,9,1 * | *             | 120.000       | J   |     |       |
| P4634-07                    | CC0P3     | Solid  | Benzophenone                         | *             | 180.000       | J   |     |       |
| P4634-07                    | CC0P3     | Solid  | n-Hexadecanoic acid                  | *             | 170.000       | J   |     |       |
| P4634-07                    | CC0P3     | Solid  | Total Alkanes                        | *             | 0.000         | 30  | 190 | ug/Kg |
| <b>Total Tics :</b>         |           |        |                                      |               | <b>470.00</b> |     |     |       |
| <b>Total Concentration:</b> |           |        |                                      |               | <b>470.00</b> |     |     |       |
| <b>Client ID : CC0P5</b>    |           |        |                                      |               |               |     |     |       |
| P4634-08                    | CC0P5     | Solid  | Benzophenone                         | *             | 140.000       | J   |     |       |
| P4634-08                    | CC0P5     | Solid  | n-Hexadecanoic acid                  | *             | 150.000       | J   |     |       |



**Client:**

**Client ID : CC0Q8**

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

**SDG No.:** BG110624

**Client:**

| Sample ID                | Client ID | Matrix | Parameter                                             | Concentration | C          | MDL              | RDL | Units |
|--------------------------|-----------|--------|-------------------------------------------------------|---------------|------------|------------------|-----|-------|
| P4634-13                 | CC0Q8     | Solid  | n-Hexadecanoic acid                                   | *             | 90.000     | J                |     |       |
| P4634-13                 | CC0Q8     | Solid  | Total Alkanes                                         | *             | 0.000      | 31               | 200 | ug/Kg |
|                          |           |        | <b>Total Tics :</b>                                   |               |            | <b>90.00</b>     |     |       |
| P4634-13                 | CC0Q8     | Solid  | Acetophenone                                          |               | 140.000    | J 78             | 390 | ug/Kg |
| P4634-13                 | CC0Q8     | Solid  | Bis(2-ethylhexyl)phthalate                            |               | 90.000     | J 29             | 200 | ug/Kg |
|                          |           |        | <b>Total Svoc :</b>                                   |               |            | <b>230.00</b>    |     |       |
|                          |           |        | <b>Total Concentration:</b>                           |               |            | <b>320.00</b>    |     |       |
| <b>Client ID : CC0R3</b> |           |        |                                                       |               |            |                  |     |       |
| P4634-14                 | CC0R3     | Solid  | (E)-2,6-Dimethoxy-4-(prop-1-en-1-yl)-1,4-benzoquinone | *             | 150.000    | J                |     |       |
| P4634-14                 | CC0R3     | Solid  | 1,2,4-Metheno-1H-indene, octahydro-1,2,4-trimethoxy-  | *             | 92.000     | J                |     |       |
| P4634-14                 | CC0R3     | Solid  | Benzophenone                                          | *             | 260.000    | J                |     |       |
| P4634-14                 | CC0R3     | Solid  | n-Hexadecanoic acid                                   | *             | 280.000    | J                |     |       |
| P4634-14                 | CC0R3     | Solid  | Total Alkanes                                         | *             | 0.000      | 33               | 220 | ug/Kg |
|                          |           |        | <b>Total Tics :</b>                                   |               |            | <b>782.00</b>    |     |       |
|                          |           |        | <b>Total Concentration:</b>                           |               |            | <b>782.00</b>    |     |       |
| <b>Client ID : CC0R4</b> |           |        |                                                       |               |            |                  |     |       |
| P4634-15                 | CC0R4     | Solid  | Benzophenone                                          | *             | 270.000    | J                |     |       |
| P4634-15                 | CC0R4     | Solid  | n-Hexadecanoic acid                                   | *             | 300.000    | J                |     |       |
| P4634-15                 | CC0R4     | Solid  | Total Alkanes                                         | *             | 0.000      | 36               | 240 | ug/Kg |
|                          |           |        | <b>Total Tics :</b>                                   |               |            | <b>570.00</b>    |     |       |
| P4634-15                 | CC0R4     | Solid  | Bis(2-ethylhexyl)phthalate                            |               | 14,000.000 | E 35             | 240 | ug/Kg |
|                          |           |        | <b>Total Svoc :</b>                                   |               |            | <b>14,000.00</b> |     |       |
|                          |           |        | <b>Total Concentration:</b>                           |               |            | <b>14,570.00</b> |     |       |
| <b>Client ID : CC0R5</b> |           |        |                                                       |               |            |                  |     |       |
| P4634-16                 | CC0R5     | Solid  | Benzophenone                                          | *             | 210.000    | J                |     |       |
| P4634-16                 | CC0R5     | Solid  | Tridecanoic acid                                      | *             | 90.000     | J                |     |       |
| P4634-16                 | CC0R5     | Solid  | Total Alkanes                                         | *             | 0.000      | 27               | 180 | ug/Kg |
|                          |           |        | <b>Total Tics :</b>                                   |               |            | <b>300.00</b>    |     |       |
|                          |           |        | <b>Total Concentration:</b>                           |               |            | <b>300.00</b>    |     |       |
| <b>Client ID : CC0R7</b> |           |        |                                                       |               |            |                  |     |       |
| P4634-17                 | CC0R7     | Solid  | Benzophenone                                          | *             | 240.000    | J                |     |       |
| P4634-17                 | CC0R7     | Solid  | n-Hexadecanoic acid                                   | *             | 170.000    | J                |     |       |
| P4634-17                 | CC0R7     | Solid  | Total Alkanes                                         | *             | 0.000      | 32               | 210 | ug/Kg |
|                          |           |        | <b>Total Tics :</b>                                   |               |            | <b>410.00</b>    |     |       |
|                          |           |        | <b>Total Concentration:</b>                           |               |            | <b>410.00</b>    |     |       |



## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG110624

SAS No.: BG110624

SDG No.: BG110624

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

Calibration Date(s): 11/6/2024 : \_\_\_\_\_

Calibration Time(s): 11:37 \_\_\_\_\_

|                                                                                                                                |        |        |        |        |        |        |       |       |
|--------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|-------|-------|
| LAB FILE ID:                   RRFAL1 = BG063165.D                   RRFAL2 = BG063166.D                   RRFAL3 = BG063167.D |        |        |        |        |        |        |       |       |
| RRFAL4 = BG063168.D                   RRFAL5 = BG063169.D                   RRFAL6 = BG063170.D                                |        |        |        |        |        |        |       |       |
| COMPOUND                                                                                                                       | RRFAL1 | RRFAL2 | RRFAL3 | RRFAL4 | RRFAL5 | RRFAL6 | RRF   | % RSD |
| 1,4-Dioxane                                                                                                                    | 0.530  | 0.626  | 0.617  | 0.484  | 0.466  |        | 0.545 | 13.6  |
| Benzaldehyde                                                                                                                   |        | 1.320  | 1.355  | 1.053  | 0.704  | 0.555  | 0.997 | 36.1  |
| Pyridine                                                                                                                       |        | 1.347  | 1.601  | 1.503  | 1.513  | 1.494  | 1.492 | 6.1   |
| Hexachloroethane                                                                                                               | 0.483  | 0.506  | 0.552  | 0.502  | 0.496  |        | 0.508 | 5.2   |
| Nitrobenzene                                                                                                                   | 0.390  | 0.442  | 0.449  | 0.453  | 0.434  |        | 0.434 | 5.8   |
| Isophorone                                                                                                                     | 0.893  | 0.910  | 0.941  | 0.955  | 0.876  |        | 0.915 | 3.6   |
| 2-Nitrophenol                                                                                                                  | 0.164  | 0.173  | 0.187  | 0.192  | 0.183  |        | 0.180 | 6.3   |
| 2,4-Dimethylphenol                                                                                                             | 0.339  | 0.383  | 0.411  | 0.419  | 0.407  |        | 0.392 | 8.2   |
| Bis(2-Chloroethoxy)methane                                                                                                     | 0.403  | 0.447  | 0.464  | 0.459  | 0.432  |        | 0.441 | 5.5   |
| 2,4-Dichlorophenol                                                                                                             | 0.297  | 0.308  | 0.350  | 0.367  | 0.359  |        | 0.336 | 9.5   |
| Naphthalene                                                                                                                    | 0.983  | 1.029  | 1.057  | 1.048  | 0.999  |        | 1.023 | 3.1   |
| 4-Chloroaniline                                                                                                                |        | 0.423  | 0.444  | 0.470  | 0.451  | 0.435  | 0.445 | 4.0   |
| Hexachlorobutadiene                                                                                                            | 0.304  | 0.324  | 0.327  | 0.334  | 0.320  |        | 0.322 | 3.4   |
| Phenol                                                                                                                         |        | 1.806  | 1.990  | 1.960  | 1.997  | 2.080  | 1.967 | 5.1   |
| Caprolactam                                                                                                                    |        | 0.148  | 0.147  | 0.144  | 0.133  | 0.126  | 0.140 | 6.9   |
| 4-Chloro-3-methylphenol                                                                                                        | 0.373  | 0.386  | 0.425  | 0.424  | 0.408  |        | 0.403 | 5.8   |
| 1-Methylnaphthalene                                                                                                            | 0.811  | 0.828  | 0.889  | 0.861  | 0.827  |        | 0.843 | 3.7   |
| 2-Methylnaphthalene                                                                                                            | 0.757  | 0.811  | 0.842  | 0.838  | 0.808  |        | 0.811 | 4.2   |
| Hexachlorocyclopentadiene                                                                                                      |        | 0.307  | 0.358  | 0.382  | 0.417  | 0.461  | 0.385 | 15.2  |
| 2,4,6-Trichlorophenol                                                                                                          | 0.333  | 0.355  | 0.396  | 0.405  | 0.414  |        | 0.381 | 9.2   |
| 2,4,5-Trichlorophenol                                                                                                          | 0.372  | 0.369  | 0.430  | 0.441  | 0.451  |        | 0.413 | 9.5   |
| 1,1-Biphenyl                                                                                                                   | 1.222  | 1.278  | 1.296  | 1.291  | 1.252  |        | 1.268 | 2.4   |
| 2-Chloronaphthalene                                                                                                            | 0.960  | 0.998  | 0.996  | 0.993  | 0.988  |        | 0.987 | 1.6   |
| 2-Nitroaniline                                                                                                                 | 0.307  | 0.322  | 0.342  | 0.353  | 0.359  |        | 0.337 | 6.5   |
| Bis(2-Chloroethyl)ether                                                                                                        |        | 1.362  | 1.392  | 1.328  | 1.289  | 1.316  | 1.338 | 3.0   |
| Dimethylphthalate                                                                                                              | 1.567  | 1.561  | 1.518  | 1.467  | 1.399  |        | 1.502 | 4.7   |
| 2,6-Dinitrotoluene                                                                                                             | 0.263  | 0.276  | 0.296  | 0.304  | 0.298  |        | 0.287 | 6.0   |
| Acenaphthylene                                                                                                                 | 1.468  | 1.557  | 1.565  | 1.547  | 1.501  |        | 1.527 | 2.7   |
| 3-Nitroaniline                                                                                                                 |        | 0.272  | 0.284  | 0.266  | 0.231  | 0.202  | 0.251 | 13.5  |
| Acenaphthene                                                                                                                   | 1.015  | 1.128  | 1.125  | 1.119  | 1.079  |        | 1.093 | 4.4   |
| 2,4-Dinitrophenol                                                                                                              |        | 0.206  | 0.138  | 0.184  | 0.201  | 0.218  | 0.190 | 16.4  |
| 4-Nitrophenol                                                                                                                  |        | 0.227  | 0.286  | 0.297  | 0.294  | 0.290  | 0.279 | 10.5  |
| Dibenzofuran                                                                                                                   | 1.644  | 1.699  | 1.711  | 1.689  | 1.623  |        | 1.674 | 2.3   |
| 2,4-Dinitrotoluene                                                                                                             | 0.427  | 0.465  | 0.461  | 0.465  | 0.456  |        | 0.455 | 3.5   |
| Diethylphthalate                                                                                                               | 1.584  | 1.608  | 1.589  | 1.502  | 1.417  |        | 1.540 | 5.2   |
| 2-Chlorophenol                                                                                                                 | 1.138  | 1.215  | 1.287  | 1.301  | 1.324  |        | 1.253 | 6.1   |

All other compounds must meet a minimum RRF of 0.010.

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG110624

SAS No.: BG110624

SDG No.: BG110624

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

Calibration Date(s): 11/6/2024 : \_\_\_\_\_

Calibration Time(s): 11:37 \_\_\_\_\_

| LAB FILE ID:                 |        | RRFAL1 = BG063165.D |        | RRFAL2 = BG063166.D |        | RRFAL3 = BG063167.D |       |       |
|------------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
|                              |        | RRFAL4 = BG063168.D |        | RRFAL5 = BG063169.D |        | RRFAL6 = BG063170.D |       |       |
| COMPOUND                     | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4              | RRFAL5 | RRFAL6              | RRF   | % RSD |
| Fluorene                     | 1.382  | 1.421               | 1.464  | 1.418               | 1.398  |                     | 1.416 | 2.2   |
| 4-Chlorophenyl-phenylether   | 0.850  | 0.927               | 0.946  | 0.917               | 0.912  |                     | 0.910 | 4.0   |
| 4-Nitroaniline               |        | 0.277               | 0.302  | 0.257               | 0.225  | 0.208               | 0.254 | 15.0  |
| 4,6-Dinitro-2-methylphenol   |        | 0.108               | 0.130  | 0.136               | 0.137  | 0.142               | 0.130 | 10.3  |
| N-Nitrosodiphenylamine       | 0.414  | 0.445               | 0.462  | 0.461               | 0.450  |                     | 0.446 | 4.4   |
| 1,2,4,5-Tetrachlorobenzene   | 0.657  | 0.717               | 0.709  | 0.718               | 0.723  |                     | 0.705 | 3.8   |
| 4-Bromophenyl-phenylether    | 0.213  | 0.218               | 0.234  | 0.243               | 0.235  |                     | 0.229 | 5.5   |
| Hexachlorobenzene            | 0.244  | 0.236               | 0.246  | 0.242               | 0.250  |                     | 0.244 | 2.1   |
| Atrazine                     |        | 0.248               | 0.255  | 0.245               | 0.241  | 0.231               | 0.244 | 3.6   |
| Pentachlorophenol            |        | 0.137               | 0.093  | 0.111               | 0.125  | 0.144               | 0.122 | 16.7  |
| 2-Methylphenol               |        | 1.325               | 1.467  | 1.430               | 1.443  | 1.517               | 1.437 | 4.9   |
| Phenanthrene                 | 0.888  | 0.916               | 0.953  | 0.929               | 0.882  |                     | 0.914 | 3.2   |
| Pentachlorobenzene           | 0.253  | 0.270               | 0.284  | 0.284               | 0.288  |                     | 0.276 | 5.3   |
| Anthracene                   | 0.922  | 0.942               | 0.974  | 0.953               | 0.889  |                     | 0.936 | 3.4   |
| 1,2,3,4-Tetrachlorobenzene   | 0.236  | 0.244               | 0.268  | 0.274               | 0.272  |                     | 0.259 | 6.7   |
| Carbazole                    |        | 0.807               | 0.849  | 0.801               | 0.749  | 0.679               | 0.777 | 8.4   |
| Di-n-butylphthalate          | 0.883  | 0.895               | 0.938  | 0.890               | 0.815  |                     | 0.884 | 5.0   |
| Fluoranthene                 | 1.039  | 1.095               | 1.138  | 1.127               | 1.021  |                     | 1.084 | 4.8   |
| Pyrene                       | 1.150  | 1.153               | 1.203  | 1.192               | 1.046  |                     | 1.149 | 5.4   |
| Butylbenzylphthalate         | 0.307  | 0.327               | 0.340  | 0.360               | 0.344  |                     | 0.336 | 6.0   |
| 3,3-Dichlorobenzidine        |        | 0.460               | 0.474  | 0.452               | 0.409  | 0.355               | 0.430 | 11.3  |
| 2,2-oxybis (1-Chloropropane) |        | 1.659               | 1.752  | 1.691               | 1.676  | 1.674               | 1.691 | 2.1   |
| Benzo (a) anthracene         | 1.224  | 1.290               | 1.333  | 1.295               | 1.183  |                     | 1.265 | 4.8   |
| Chrysene                     | 1.148  | 1.207               | 1.234  | 1.202               | 1.107  |                     | 1.179 | 4.3   |
| Bis (2-ethylhexyl) phthalate | 0.451  | 0.476               | 0.504  | 0.517               | 0.496  |                     | 0.489 | 5.3   |
| Di-n-octyl phthalate         |        | 0.776               | 0.832  | 0.819               | 0.801  | 0.713               | 0.788 | 6.0   |
| Benzo (b) fluoranthene       | 1.115  | 1.198               | 1.269  | 1.249               | 1.186  |                     | 1.203 | 5.0   |
| Benzo (k) fluoranthene       | 1.188  | 1.196               | 1.236  | 1.192               | 1.181  |                     | 1.199 | 1.8   |
| Benzo (a) pyrene             | 1.066  | 1.111               | 1.152  | 1.132               | 1.104  |                     | 1.113 | 2.9   |
| Indeno (1,2,3-cd) pyrene     | 1.299  | 1.334               | 1.397  | 1.390               | 1.407  |                     | 1.365 | 3.4   |
| Dibenzo (a,h) anthracene     | 1.050  | 1.121               | 1.115  | 1.148               | 1.133  |                     | 1.113 | 3.4   |
| Benzo (g,h,i) perylene       | 0.977  | 1.013               | 1.074  | 1.057               | 1.055  |                     | 1.035 | 3.8   |
| Acetophenone                 |        | 2.288               | 2.612  | 2.525               | 2.439  | 2.451               | 2.463 | 4.9   |
| 2,3,4,6-Tetrachlorophenol    | 0.339  | 0.429               | 0.443  | 0.453               | 0.473  |                     | 0.427 | 12.2  |
| 1,4-Dioxane-d8               | 0.372  | 0.465               | 0.484  | 0.473               | 0.418  |                     | 0.442 | 10.6  |
| Pyridine-d5                  |        | 1.360               | 1.527  | 1.442               | 1.479  | 1.502               | 1.462 | 4.5   |

All other compounds must meet a minimum RRF of 0.010.



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BG110624 SAS No.: BG110624 SDG No.: BG110624  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 11/6/2024 : \_\_\_\_\_  
Calibration Time(s): 11:37 \_\_\_\_\_

|                             |                     |                                  |                     |                     |                                  |                     |                                  |       |
|-----------------------------|---------------------|----------------------------------|---------------------|---------------------|----------------------------------|---------------------|----------------------------------|-------|
| LAB FILE ID:                |                     | RRF <sub>FAL1</sub> = BG063165.D |                     |                     | RRF <sub>FAL2</sub> = BG063166.D |                     | RRF <sub>FAL3</sub> = BG063167.D |       |
|                             |                     | RRF <sub>FAL4</sub> = BG063168.D |                     |                     | RRF <sub>FAL5</sub> = BG063169.D |                     | RRF <sub>FAL6</sub> = BG063170.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                   |                     | 1.608                            | 1.867               | 1.776               | 1.853                            | 1.920               | 1.805                            | 6.7   |
| Bis-(2-Chloroethyl)ether-d8 |                     | 1.048                            | 1.074               | 1.059               | 1.051                            | 1.062               | 1.059                            | 1.0   |
| 2-Chlorophenol-d4           | 0.991               | 1.137                            | 1.265               | 1.231               | 1.233                            |                     | 1.171                            | 9.5   |
| 4-Methylphenol-d8           |                     | 1.444                            | 1.523               | 1.534               | 1.532                            | 1.615               | 1.530                            | 4.0   |
| Nitrobenzene-d5             | 0.126               | 0.143                            | 0.143               | 0.147               | 0.145                            |                     | 0.141                            | 6.1   |
| 2-Nitrophenol-d4            | 0.164               | 0.185                            | 0.182               | 0.191               | 0.186                            |                     | 0.182                            | 5.7   |
| 2,4-Dichlorophenol-d3       | 0.306               | 0.353                            | 0.357               | 0.384               | 0.383                            |                     | 0.357                            | 8.9   |
| 4-Chloroaniline-d4          |                     | 0.437                            | 0.465               | 0.492               | 0.478                            | 0.450               | 0.465                            | 4.7   |
| 4-Methylphenol              |                     | 1.581                            | 1.598               | 1.630               | 1.655                            | 1.704               | 1.634                            | 3.0   |
| Dimethylphthalate-d6        | 1.568               | 1.635                            | 1.617               | 1.537               | 1.476                            |                     | 1.567                            | 4.1   |
| Acenaphthylene-d8           | 1.457               | 1.551                            | 1.561               | 1.576               | 1.521                            |                     | 1.533                            | 3.1   |
| 4-Nitrophenol-d4            |                     | 0.200                            | 0.212               | 0.223               | 0.224                            | 0.214               | 0.214                            | 4.5   |
| Fluorene-d10                | 1.263               | 1.341                            | 1.363               | 1.342               | 1.302                            |                     | 1.322                            | 3.0   |
| 4,6-Dinitro-2-methylphenol- |                     | 0.115                            | 0.122               | 0.128               | 0.130                            | 0.134               | 0.126                            | 6.0   |
| Anthracene-d10              | 0.853               | 0.848                            | 0.892               | 0.874               | 0.831                            |                     | 0.860                            | 2.8   |
| Pyrene-d10                  | 0.963               | 1.020                            | 1.037               | 1.039               | 0.955                            |                     | 1.003                            | 4.0   |
| Benzo(a)pyrene-d12          | 0.935               | 0.947                            | 0.989               | 0.980               | 0.977                            |                     | 0.966                            | 2.4   |
| N-Nitroso-di-n-propylamine  | 1.248               | 1.484                            | 1.518               | 1.488               | 1.446                            |                     | 1.437                            | 7.6   |

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.: BG110624 SAS No.: BG110624 SDG NO.: BG110624

EPA Sample No.: SSTD020412 Date Analyzed: Nov 6 2024 12:00AM

Lab File ID: BG063167.D Time Analyzed: 16:54

Instrument ID: BNA\_G 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    | 53454               | 7.841 | 252685              | 10.63  | 247281              | 14.47  |
|    | UPPER LIMIT    | 106908              | 8.341 | 505370              | 11.126 | 494562              | 14.974 |
|    | LOWER LIMIT    | 26727               | 7.341 | 126342.5            | 10.126 | 123640.5            | 13.974 |
|    | EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 | SICV416        | 64546               | 7.84  | 296709              | 10.63  | 286435              | 14.48  |
| 02 | SBLK608        | 64945               | 7.84  | 294280              | 10.63  | 285934              | 14.47  |
| 03 | C0PI9          | 57811               | 7.84  | 262549              | 10.63  | 252850              | 14.48  |
| 04 | C0PI6          | 59704               | 7.84  | 271369              | 10.63  | 263653              | 14.48  |
| 05 | CC0R5          | 61979               | 7.84  | 290673              | 10.63  | 292516              | 14.48  |
| 06 | SBLK608        | 77317               | 7.84  | 325483              | 10.63  | 319478              | 14.48  |
| 07 | CC0Q1          | 67399               | 7.84  | 309734              | 10.63  | 292004              | 14.48  |
| 08 | CC0P7          | 63517               | 7.84  | 307132              | 10.63  | 307503              | 14.48  |
| 09 | CC0P9          | 89974               | 7.84  | 399924              | 10.63  | 375042              | 14.48  |
| 10 | CC0Q8          | 78992               | 7.84  | 362404              | 10.63  | 341720              | 14.48  |
| 11 | CC0Q6          | 77931               | 7.84  | 367667              | 10.63  | 354511              | 14.47  |
| 12 | CC0R4          | 79889               | 7.84  | 353133              | 10.63  | 332106              | 14.48  |
| 13 | CC0P3          | 75171               | 7.84  | 348338              | 10.63  | 328368              | 14.48  |
| 14 | CC0P5          | 82170               | 7.84  | 381655              | 10.63  | 357084              | 14.48  |
| 15 | CC0R3          | 68367               | 7.84  | 315323              | 10.63  | 297351              | 14.48  |
| 16 | CC0P1          | 69456               | 7.84  | 334883              | 10.63  | 320339              | 14.47  |
| 17 | CC0R7          | 82446               | 7.84  | 390260              | 10.63  | 365853              | 14.48  |
| 18 | CC0R7MS        | 84023               | 7.84  | 411586              | 10.63  | 391494              | 14.48  |
| 19 | CC0R7MSD       | 82904               | 7.84  | 379824              | 10.63  | 371380              | 14.48  |
| 20 | SLCS608        | 89027               | 7.84  | 408628              | 10.63  | 397765              | 14.48  |
| 21 | SBLK608        | 64544               | 7.84  | 321039              | 10.63  | 323181              | 14.48  |
| 22 | C0PI0          | 95505               | 7.84  | 448521              | 10.63  | 422539              | 14.48  |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG110624 SAS No.: BG110624 SDG NO.: BG110624

EPA Sample No.: SSTD020412 Date Analyzed: Nov 7 2024 12:00AM

Lab File ID: BG063167.D Time Analyzed: 08:49

Instrument ID: BNA\_G 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    | 53454               | 7.841 | 252685              | 10.63  | 247281              | 14.47  |
| UPPER LIMIT    | 106908              | 8.341 | 505370              | 11.126 | 494562              | 14.974 |
| LOWER LIMIT    | 26727               | 7.341 | 126342.5            | 10.126 | 123640.5            | 13.974 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG110624 SAS No.: BG110624 SDG NO.: BG110624

EPA Sample No.: SSTD020516 Date Analyzed: Nov 6 2024 12:00AM

Lab File ID: BG063176.D Time Analyzed: 21:24

Instrument ID: BNA\_G 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    | 59068               | 7.838 | 272894              | 10.63  | 260846              | 14.48  |
|    | UPPER LIMIT    | 118136              | 8.338 | 545788              | 11.129 | 521692              | 14.977 |
|    | LOWER LIMIT    | 29534               | 7.338 | 136447              | 10.129 | 130423              | 13.977 |
|    | EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 | SBLK608        | 77317               | 7.84  | 325483              | 10.63  | 319478              | 14.48  |
| 02 | CC0Q1          | 67399               | 7.84  | 309734              | 10.63  | 292004              | 14.48  |
| 03 | CC0P7          | 63517               | 7.84  | 307132              | 10.63  | 307503              | 14.48  |
| 04 | CC0P9          | 89974               | 7.84  | 399924              | 10.63  | 375042              | 14.48  |
| 05 | CC0Q8          | 78992               | 7.84  | 362404              | 10.63  | 341720              | 14.48  |
| 06 | CC0Q6          | 77931               | 7.84  | 367667              | 10.63  | 354511              | 14.47  |
| 07 | CC0R4          | 79889               | 7.84  | 353133              | 10.63  | 332106              | 14.48  |
| 08 | CC0P3          | 75171               | 7.84  | 348338              | 10.63  | 328368              | 14.48  |
| 09 | CC0P5          | 82170               | 7.84  | 381655              | 10.63  | 357084              | 14.48  |
| 10 | CC0R3          | 68367               | 7.84  | 315323              | 10.63  | 297351              | 14.48  |
| 11 | CC0P1          | 69456               | 7.84  | 334883              | 10.63  | 320339              | 14.47  |
| 12 | CC0R7          | 82446               | 7.84  | 390260              | 10.63  | 365853              | 14.48  |
| 13 | CC0R7MS        | 84023               | 7.84  | 411586              | 10.63  | 391494              | 14.48  |
| 14 | CC0R7MSD       | 82904               | 7.84  | 379824              | 10.63  | 371380              | 14.48  |
| 15 | SLCS608        | 89027               | 7.84  | 408628              | 10.63  | 397765              | 14.48  |

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.: BG110624 SAS No.: BG110624 SDG NO.: BG110624

EPA Sample No.: SSTD020517 Date Analyzed: Nov 7 2024 12:00AM

Lab File ID: BG063192.D Time Analyzed: 08:11

Instrument ID: BNA\_G 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    | 76101               | 7.841 | 358413              | 10.63  | 353596              | 14.47  |
| UPPER LIMIT    | 152202              | 8.341 | 716826              | 11.132 | 707192              | 14.974 |
| LOWER LIMIT    | 38050.5             | 7.341 | 179206.5            | 10.132 | 176798              | 13.974 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK608     | 64544               | 7.84  | 321039              | 10.63  | 323181              | 14.48  |
| 02 C0PI0       | 95505               | 7.84  | 448521              | 10.63  | 422539              | 14.48  |

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.: BG110624 SAS No.: BG110624 SDG NO.: BG110624

EPA Sample No.: SSTD020412 Date Analyzed: Nov 6 2024 12:00AM

Lab File ID: BG063167.D Time Analyzed: 16:54

Instrument ID: BNA\_G 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    | 683916              | 17.224 | 813458              | 21.478 | 863582              | 24.516 |
|    | UPPER LIMIT    | 1367832             | 17.724 | 1626916             | 21.978 | 1727164             | 25.016 |
|    | LOWER LIMIT    | 341958              | 16.724 | 406729              | 20.978 | 431791              | 24.016 |
|    | EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 | SICV416        | 800539              | 17.23  | 908289              | 21.48  | 988286              | 24.52  |
| 02 | SBLK608        | 812102              | 17.22  | 966093              | 21.48  | 1.04395e+           | 24.51  |
| 03 | C0PI9          | 707638              | 17.23  | 792423              | 21.48  | 856112              | 24.51  |
| 04 | C0PI6          | 724625              | 17.23  | 810376              | 21.47  | 874526              | 24.51  |
| 05 | CC0R5          | 805011              | 17.23  | 874656              | 21.48  | 950982              | 24.51  |
| 06 | SBLK608        | 871542              | 17.22  | 1.04125e+           | 21.48  | 1.09812e+           | 24.51  |
| 07 | CC0Q1          | 778510              | 17.23  | 844310              | 21.47  | 924970              | 24.51  |
| 08 | CC0P7          | 792603              | 17.23  | 819267              | 21.48  | 881237              | 24.51  |
| 09 | CC0P9          | 940519              | 17.23  | 964906              | 21.48  | 1.05184e+           | 24.51  |
| 10 | CC0Q8          | 880449              | 17.23  | 900280              | 21.48  | 967988              | 24.52  |
| 11 | CC0Q6          | 902765              | 17.23  | 950060              | 21.48  | 1.02601e+           | 24.51  |
| 12 | CC0R4          | 829483              | 17.23  | 856683              | 21.48  | 943914              | 24.52  |
| 13 | CC0P3          | 845269              | 17.23  | 887024              | 21.48  | 971361              | 24.51  |
| 14 | CC0P5          | 894062              | 17.23  | 942005              | 21.48  | 1.00954e+           | 24.51  |
| 15 | CC0R3          | 751011              | 17.23  | 800256              | 21.48  | 859234              | 24.51  |
| 16 | CC0P1          | 829025              | 17.23  | 875702              | 21.48  | 948052              | 24.52  |
| 17 | CC0R7          | 912380              | 17.23  | 959606              | 21.48  | 1.0335e+0           | 24.52  |
| 18 | CC0R7MS        | 975814              | 17.23  | 1.02417e+           | 21.48  | 1.09284e+           | 24.52  |
| 19 | CC0R7MSD       | 952706              | 17.23  | 1.02088e+           | 21.48  | 1.07061e+           | 24.52  |
| 20 | SLCS608        | 1.00711             | 17.23  | 1.06518e+           | 21.49  | 1.13467e+           | 24.52  |
| 21 | SBLK608        | 818064              | 17.23  | 877524              | 21.48  | 952142              | 24.51  |



8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG110624 SAS No.: BG110624 SDG NO.: BG110624

EPA Sample No.: SSTD020412 Date Analyzed: Nov 7 2024 12:00AM

Lab File ID: BG063167.D Time Analyzed: 08:49

Instrument ID: BNA\_G 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    | 683916              | 17.224 | 813458              | 21.478 | 863582              | 24.516 |
| UPPER LIMIT    | 1367832             | 17.724 | 1626916             | 21.978 | 1727164             | 25.016 |
| LOWER LIMIT    | 341958              | 16.724 | 406729              | 20.978 | 431791              | 24.016 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 22 C0PI0       | 1.09121             | 17.23  | 1.16456e+           | 21.48  | 1.25289e+           | 24.52  |

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.: BG110624 SAS No.: BG110624 SDG NO.: BG110624

EPA Sample No.: SSTD020516 Date Analyzed: Nov 6 2024 12:00AM

Lab File ID: BG063176.D Time Analyzed: 21:24

Instrument ID: BNA\_G 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    | 733289              | 17.227 | 842468              | 21.475 | 903853              | 24.513 |
|    | UPPER LIMIT    | 1466578             | 17.727 | 1684936             | 21.975 | 1807706             | 25.013 |
|    | LOWER LIMIT    | 366644.5            | 16.727 | 421234              | 20.975 | 451926.5            | 24.013 |
|    | EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 | SBLK608        | 871542              | 17.22  | 1.04125e+           | 21.48  | 1.09812e+           | 24.51  |
| 02 | CC0Q1          | 778510              | 17.23  | 844310              | 21.47  | 924970              | 24.51  |
| 03 | CC0P7          | 792603              | 17.23  | 819267              | 21.48  | 881237              | 24.51  |
| 04 | CC0P9          | 940519              | 17.23  | 964906              | 21.48  | 1.05184e+           | 24.51  |
| 05 | CC0Q8          | 880449              | 17.23  | 900280              | 21.48  | 967988              | 24.52  |
| 06 | CC0Q6          | 902765              | 17.23  | 950060              | 21.48  | 1.02601e+           | 24.51  |
| 07 | CC0R4          | 829483              | 17.23  | 856683              | 21.48  | 943914              | 24.52  |
| 08 | CC0P3          | 845269              | 17.23  | 887024              | 21.48  | 971361              | 24.51  |
| 09 | CC0P5          | 894062              | 17.23  | 942005              | 21.48  | 1.00954e+           | 24.51  |
| 10 | CC0R3          | 751011              | 17.23  | 800256              | 21.48  | 859234              | 24.51  |
| 11 | CC0P1          | 829025              | 17.23  | 875702              | 21.48  | 948052              | 24.52  |
| 12 | CC0R7          | 912380              | 17.23  | 959606              | 21.48  | 1.0335e+0           | 24.52  |
| 13 | CC0R7MS        | 975814              | 17.23  | 1.02417e+           | 21.48  | 1.09284e+           | 24.52  |
| 14 | CC0R7MSD       | 952706              | 17.23  | 1.02088e+           | 21.48  | 1.07061e+           | 24.52  |
| 15 | SLCS608        | 1.00711             | 17.23  | 1.06518e+           | 21.49  | 1.13467e+           | 24.52  |

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG110624 SAS No.: BG110624 SDG NO.: BG110624

EPA Sample No.: SSTD020516 Date Analyzed: Nov 7 2024 12:00AM

Lab File ID: BG063176.D Time Analyzed: 06:17

Instrument ID: BNA\_G 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    | 733289              | 17.227 | 842468              | 21.475 | 903853              | 24.513 |
| UPPER LIMIT    | 1466578             | 17.727 | 1684936             | 21.975 | 1807706             | 25.013 |
| LOWER LIMIT    | 366644.5            | 16.727 | 421234              | 20.975 | 451926.5            | 24.013 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |

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.: BG110624 SAS No.: BG110624 SDG NO.: BG110624

EPA Sample No.: SSTD020517 Date Analyzed: Nov 7 2024 12:00AM

Lab File ID: BG063192.D Time Analyzed: 08:11

Instrument ID: BNA\_G 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    | 930310              | 17.23 | 993159              | 21.484 | 1.05295e+01         | 24.515 |
| UPPER LIMIT    | 1860620             | 17.73 | 1986318             | 21.984 | 2105900             | 25.015 |
| LOWER LIMIT    | 465155              | 16.73 | 496579.5            | 20.984 | 526475              | 24.015 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK608     | 818064              | 17.23 | 877524              | 21.48  | 952142              | 24.51  |
| 02 C0PI0       | 1.09121             | 17.23 | 1.16456e+           | 21.48  | 1.25289e+           | 24.52  |

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.: BG110624

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | RPD  |      | Limits |      | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                             |       |        |      |     |     | Qual | Qual | Low    | High |     |
| SSTDICV020    | 1,4-Dioxane                 | 8     | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Benzaldehyde                | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Pyridine                    | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Phenol                      | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethyl)ether     | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2-Chlorophenol              | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2-Methylphenol              | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2,2-oxybis(1-Chloropropane) | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Acetophenone                | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 4-Methylphenol              | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | N-Nitroso-di-n-propylamine  | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Hexachloroethane            | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Nitrobenzene                | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Isophorone                  | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2-Nitrophenol               | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2,4-Dimethylphenol          | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethoxy)methane  | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2,4-Dichlorophenol          | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Naphthalene                 | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 4-Chloroaniline             | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Hexachlorobutadiene         | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Caprolactam                 | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 4-Chloro-3-methylphenol     | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 1-Methylnaphthalene         | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2-Methylnaphthalene         | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Hexachlorocyclopentadiene   | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2,4,6-Trichlorophenol       | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2,4,5-Trichlorophenol       | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 1,1'-Biphenyl               | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2-Chloronaphthalene         | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2-Nitroaniline              | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Dimethylphthalate           | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2,6-Dinitrotoluene          | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Acenaphthylene              | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 3-Nitroaniline              | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Acenaphthene                | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrophenol           | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 4-Nitrophenol               | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Dibenzofuran                | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrotoluene          | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Diethylphthalate            | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Fluorene                    | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 4-Chlorophenyl-phenylether  | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 4-Nitroaniline              | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG110624

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |      |     |     |      | Qual | Low    | High |     |
| SSTDICV020    | 4,6-Dinitro-2-methylphenol | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | N-Nitrosodiphenylamine     | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 1,2,4,5-Tetrachlorobenzene | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 4-Bromophenyl-phenylether  | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Hexachlorobenzene          | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Atrazine                   | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Pentachlorophenol          | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Phenanthrene               | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Pentachlorobenzene         | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Anthracene                 | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 1,2,3,4-Tetrachlorobenzene | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Carbazole                  | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Di-n-butylphthalate        | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Fluoranthene               | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Pyrene                     | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Butylbenzylphthalate       | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 3,3'-Dichlorobenzidine     | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Benzo(a)anthracene         | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Chrysene                   | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Bis(2-ethylhexyl)phthalate | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Di-n-octylphthalate        | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Benzo(b)fluoranthene       | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Benzo(k)fluoranthene       | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Benzo(a)pyrene             | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Indeno(1,2,3-cd)pyrene     | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Dibenzo(a,h)anthracene     | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Benzo(g,h,i)perylene       | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2,3,4,6-Tetrachlorophenol  | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG110624

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                             |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB164608BS    | 1,4-Dioxane                 | 530   | 280    | ug/Kg | 53  |     |      |      | 0   | 0      |  |     |
|               | Benzaldehyde                | 1300  | 150    | ug/Kg | 12  |     |      |      | 0   | 0      |  |     |
|               | Pyridine                    | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | Phenol                      | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethyl)ether     | 1300  | 870    | ug/Kg | 67  |     |      |      | 0   | 0      |  |     |
|               | 2-Chlorophenol              | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylphenol              | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 2,2-oxybis(1-Chloropropane) | 1300  | 900    | ug/Kg | 69  |     |      |      | 0   | 0      |  |     |
|               | Acetophenone                | 1300  | 880    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 4-Methylphenol              | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | N-Nitroso-di-n-propylamine  | 1300  | 850    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Hexachloroethane            | 1300  | 950    | ug/Kg | 73  |     |      |      | 0   | 0      |  |     |
|               | Nitrobenzene                | 1300  | 950    | ug/Kg | 73  |     |      |      | 0   | 0      |  |     |
|               | Isophorone                  | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitrophenol               | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dimethylphenol          | 1300  | 910    | ug/Kg | 70  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethoxy)methane  | 1300  | 910    | ug/Kg | 70  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dichlorophenol          | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Naphthalene                 | 1300  | 950    | ug/Kg | 73  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloroaniline             | 1300  | 510    | ug/Kg | 39  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobutadiene         | 1300  | 960    | ug/Kg | 74  |     |      |      | 0   | 0      |  |     |
|               | Caprolactam                 | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloro-3-methylphenol     | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 1-Methylnaphthalene         | 1300  | 930    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylnaphthalene         | 1300  | 990    | ug/Kg | 76  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorocyclopentadiene   | 1300  | 710    | ug/Kg | 55  |     |      |      | 0   | 0      |  |     |
|               | 2,4,6-Trichlorophenol       | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2,4,5-Trichlorophenol       | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 1,1'-Biphenyl               | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | 2-Chloronaphthalene         | 1300  | 980    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitroaniline              | 1300  | 950    | ug/Kg | 73  |     |      |      | 0   | 0      |  |     |
|               | Dimethylphthalate           | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | 2,6-Dinitrotoluene          | 1300  | 960    | ug/Kg | 74  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthylene              | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | 3-Nitroaniline              | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthene                | 1300  | 960    | ug/Kg | 74  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrophenol           | 1300  | 950    | ug/Kg | 73  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitrophenol               | 1300  | 990    | ug/Kg | 76  |     |      |      | 0   | 0      |  |     |
|               | Dibenzofuran                | 1300  | 950    | ug/Kg | 73  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrotoluene          | 1300  | 920    | ug/Kg | 71  |     |      |      | 0   | 0      |  |     |
|               | Diethylphthalate            | 1300  | 840    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Fluorene                    | 1300  | 950    | ug/Kg | 73  |     |      |      | 0   | 0      |  |     |
|               | 4-Chlorophenyl-phenylether  | 1300  | 950    | ug/Kg | 73  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitroaniline              | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG110624

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB164608BS    | 4,6-Dinitro-2-methylphenol | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | N-Nitrosodiphenylamine     | 1300  | 990    | ug/Kg | 76  |     |      |      | 0   | 0      |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | 4-Bromophenyl-phenylether  | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobenzene          | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Atrazine                   | 1300  | 900    | ug/Kg | 69  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorophenol          | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Phenanthrene               | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorobenzene         | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Anthracene                 | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 1,2,3,4-Tetrachlorobenzene | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Carbazole                  | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Di-n-butylphthalate        | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Fluoranthene               | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Pyrene                     | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Butylbenzylphthalate       | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 3,3'-Dichlorobenzidine     | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)anthracene         | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Chrysene                   | 1300  | 1000   | ug/Kg | 77  |     |      |      | 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  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Benzo(k)fluoranthene       | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)pyrene             | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Dibenzo(a,h)anthracene     | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Benzo(g,h,i)perylene       | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK608

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG110624

SAS No.: BG110624 SDG NO.: BG110624

Lab File ID: BG063177.D

Lab Sample ID: PB164608BL

Instrument ID: BNA\_G

Date Extracted: 11/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/06/2024

Level: (low/med) LOW

Time Analyzed: 21:24

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 |
|-------------------|------------------|----------------|------------------|
| C0PI0             | P4634-01         | BG063194.D     | 11/07/2024       |
| C0PI9             | P4634-05         | BG063173.D     | 11/06/2024       |
| C0PI6             | P4634-03         | BG063174.D     | 11/06/2024       |
| CC0R5             | P4634-16         | BG063175.D     | 11/06/2024       |
| CC0Q1             | P4634-11         | BG063178.D     | 11/06/2024       |
| CC0P7             | P4634-09         | BG063179.D     | 11/06/2024       |
| CC0P9             | P4634-10         | BG063180.D     | 11/06/2024       |
| CC0Q8             | P4634-13         | BG063181.D     | 11/06/2024       |
| CC0Q6             | P4634-12         | BG063182.D     | 11/07/2024       |
| CC0R4             | P4634-15         | BG063183.D     | 11/07/2024       |
| CC0P3             | P4634-07         | BG063184.D     | 11/07/2024       |
| CC0P5             | P4634-08         | BG063185.D     | 11/07/2024       |
| CC0R3             | P4634-14         | BG063186.D     | 11/07/2024       |
| CC0P1             | P4634-06         | BG063187.D     | 11/07/2024       |
| CC0R7             | P4634-17         | BG063188.D     | 11/07/2024       |
| CC0R7MS           | P4634-18MS       | BG063189.D     | 11/07/2024       |
| CC0R7MSD          | P4634-19MSD      | BG063190.D     | 11/07/2024       |
| PB164608BS        | PB164608BS       | BG063191.D     | 11/07/2024       |

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

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BG110624

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

**Analytical Method:** SFAM\_SVOC

| Parameter                   | Spike             | Sample Result            | Result         | Units | Rec | Rec Qual | RPD              | RPD Qual          | Low | Limits High | RPD |
|-----------------------------|-------------------|--------------------------|----------------|-------|-----|----------|------------------|-------------------|-----|-------------|-----|
| <b>Lab Sample ID:</b>       | <b>P4634-18MS</b> | <b>Client Sample ID:</b> | <b>CC0R7MS</b> |       |     |          | <b>DataFile:</b> | <b>BG063189.D</b> |     |             |     |
| 1,4-Dioxane                 | 660               |                          | 430            | ug/Kg | 65  |          |                  |                   | 15  | 120         |     |
| Benzaldehyde                | 1600              |                          | 260            | ug/Kg | 16  |          |                  |                   | 0   | 0           |     |
| Pyridine                    | 1600              |                          | 1300           | ug/Kg | 81  |          |                  |                   | 0   | 0           |     |
| Phenol                      | 1600              |                          | 1600           | ug/Kg | 100 | *        |                  |                   | 26  | 90          |     |
| Bis(2-chloroethyl)ether     | 1600              |                          | 1400           | ug/Kg | 88  |          |                  |                   | 0   | 0           |     |
| 2-Chlorophenol              | 1600              |                          | 1600           | ug/Kg | 100 |          |                  |                   | 25  | 102         |     |
| 2-Methylphenol              | 1600              |                          | 1700           | ug/Kg | 106 |          |                  |                   | 0   | 0           |     |
| 2,2-oxybis(1-Chloropropane) | 1600              |                          | 1500           | ug/Kg | 94  |          |                  |                   | 0   | 0           |     |
| Acetophenone                | 1600              |                          | 1500           | ug/Kg | 94  |          |                  |                   | 0   | 0           |     |
| 4-Methylphenol              | 1600              |                          | 1600           | ug/Kg | 100 |          |                  |                   | 0   | 0           |     |
| N-Nitroso-di-n-propylamine  | 1600              |                          | 1500           | ug/Kg | 94  |          |                  |                   | 41  | 126         |     |
| Hexachloroethane            | 1600              |                          | 1500           | ug/Kg | 94  |          |                  |                   | 0   | 0           |     |
| Nitrobenzene                | 1600              |                          | 1500           | ug/Kg | 94  |          |                  |                   | 0   | 0           |     |
| Isophorone                  | 1600              |                          | 1400           | ug/Kg | 88  |          |                  |                   | 0   | 0           |     |
| 2-Nitrophenol               | 1600              |                          | 1600           | ug/Kg | 100 |          |                  |                   | 0   | 0           |     |
| 2,4-Dimethylphenol          | 1600              |                          | 1600           | ug/Kg | 100 |          |                  |                   | 0   | 0           |     |
| Bis(2-chloroethoxy)methane  | 1600              |                          | 1500           | ug/Kg | 94  |          |                  |                   | 0   | 0           |     |
| 2,4-Dichlorophenol          | 1600              |                          | 1700           | ug/Kg | 106 |          |                  |                   | 0   | 0           |     |
| Naphthalene                 | 1600              |                          | 1500           | ug/Kg | 94  |          |                  |                   | 0   | 0           |     |
| 4-Chloroaniline             | 1600              |                          | 830            | ug/Kg | 52  |          |                  |                   | 0   | 0           |     |
| Hexachlorobutadiene         | 1600              |                          | 1500           | ug/Kg | 94  |          |                  |                   | 0   | 0           |     |
| Caprolactam                 | 1600              |                          | 1400           | ug/Kg | 88  |          |                  |                   | 0   | 0           |     |
| 4-Chloro-3-methylphenol     | 1600              |                          | 1600           | ug/Kg | 100 |          |                  |                   | 26  | 103         |     |
| 1-Methylnaphthalene         | 1600              |                          | 1500           | ug/Kg | 94  |          |                  |                   | 0   | 0           |     |
| 2-Methylnaphthalene         | 1600              |                          | 1600           | ug/Kg | 100 |          |                  |                   | 0   | 0           |     |
| Hexachlorocyclopentadiene   | 1600              |                          | 1200           | ug/Kg | 75  |          |                  |                   | 0   | 0           |     |
| 2,4,6-Trichlorophenol       | 1600              |                          | 1700           | ug/Kg | 106 |          |                  |                   | 0   | 0           |     |
| 2,4,5-Trichlorophenol       | 1600              |                          | 1700           | ug/Kg | 106 |          |                  |                   | 0   | 0           |     |
| 1,1'-Biphenyl               | 1600              |                          | 1600           | ug/Kg | 100 |          |                  |                   | 0   | 0           |     |
| 2-Chloronaphthalene         | 1600              |                          | 1600           | ug/Kg | 100 |          |                  |                   | 0   | 0           |     |
| 2-Nitroaniline              | 1600              |                          | 1600           | ug/Kg | 100 |          |                  |                   | 0   | 0           |     |
| Dimethylphthalate           | 1600              |                          | 1400           | ug/Kg | 88  |          |                  |                   | 0   | 0           |     |
| 2,6-Dinitrotoluene          | 1600              |                          | 1600           | ug/Kg | 100 |          |                  |                   | 0   | 0           |     |
| Acenaphthylene              | 1600              |                          | 1600           | ug/Kg | 100 |          |                  |                   | 0   | 0           |     |
| 3-Nitroaniline              | 1600              |                          | 1600           | ug/Kg | 100 |          |                  |                   | 0   | 0           |     |
| Acenaphthene                | 1600              |                          | 1600           | ug/Kg | 100 |          |                  |                   | 31  | 137         |     |
| 2,4-Dinitrophenol           | 1600              |                          | 1500           | ug/Kg | 94  |          |                  |                   | 0   | 0           |     |
| 4-Nitrophenol               | 1600              |                          | 1500           | ug/Kg | 94  |          |                  |                   | 11  | 114         |     |
| Dibenzofuran                | 1600              |                          | 1600           | ug/Kg | 100 |          |                  |                   | 0   | 0           |     |
| 2,4-Dinitrotoluene          | 1600              |                          | 1500           | ug/Kg | 94  | *        |                  |                   | 28  | 89          |     |
| Diethylphthalate            | 1600              |                          | 1400           | ug/Kg | 88  |          |                  |                   | 0   | 0           |     |
| Fluorene                    | 1600              |                          | 1500           | ug/Kg | 94  |          |                  |                   | 0   | 0           |     |
| 4-Chlorophenyl-phenylether  | 1600              |                          | 1500           | ug/Kg | 94  |          |                  |                   | 0   | 0           |     |
| 4-Nitroaniline              | 1600              |                          | 1800           | ug/Kg | 113 |          |                  |                   | 0   | 0           |     |
| 4,6-Dinitro-2-methylphenol  | 1600              |                          | 1600           | ug/Kg | 100 |          |                  |                   | 0   | 0           |     |
| N-Nitrosodiphenylamine      | 1600              |                          | 1700           | ug/Kg | 106 |          |                  |                   | 0   | 0           |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BG110624

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

**Analytical Method:** SFAM\_SVOC

| Parameter                  | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|----------------------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| 1,2,4,5-Tetrachlorobenzene | 1600  |                  | 1600   | ug/Kg | 100 |             |     |             | 0   | 0              |     |
| 4-Bromophenyl-phenylether  | 1600  |                  | 1700   | ug/Kg | 106 |             |     |             | 0   | 0              |     |
| Hexachlorobenzene          | 1600  |                  | 1700   | ug/Kg | 106 |             |     |             | 0   | 0              |     |
| Atrazine                   | 1600  |                  | 1500   | ug/Kg | 94  |             |     |             | 0   | 0              |     |
| Pentachlorophenol          | 1600  |                  | 1600   | ug/Kg | 100 |             |     |             | 17  | 109            |     |
| Phenanthrene               | 1600  |                  | 1600   | ug/Kg | 100 |             |     |             | 0   | 0              |     |
| Pentachlorobenzene         | 1600  |                  | 1700   | ug/Kg | 106 |             |     |             | 0   | 0              |     |
| Anthracene                 | 1600  |                  | 1600   | ug/Kg | 100 |             |     |             | 0   | 0              |     |
| 1,2,3,4-Tetrachlorobenzene | 1600  |                  | 1800   | ug/Kg | 113 |             |     |             | 0   | 0              |     |
| Carbazole                  | 1600  |                  | 1600   | ug/Kg | 100 |             |     |             | 0   | 0              |     |
| Di-n-butylphthalate        | 1600  |                  | 1500   | ug/Kg | 94  |             |     |             | 0   | 0              |     |
| Fluoranthene               | 1600  |                  | 1600   | ug/Kg | 100 |             |     |             | 0   | 0              |     |
| Pyrene                     | 1600  |                  | 1600   | ug/Kg | 100 |             |     |             | 35  | 142            |     |
| Butylbenzylphthalate       | 1600  |                  | 1700   | ug/Kg | 106 |             |     |             | 0   | 0              |     |
| 3,3'-Dichlorobenzidine     | 1600  |                  | 1600   | ug/Kg | 100 |             |     |             | 0   | 0              |     |
| Benzo(a)anthracene         | 1600  |                  | 1600   | ug/Kg | 100 |             |     |             | 0   | 0              |     |
| Chrysene                   | 1600  |                  | 1600   | ug/Kg | 100 |             |     |             | 0   | 0              |     |
| Bis(2-ethylhexyl)phthalate | 1600  |                  | 1700   | ug/Kg | 106 |             |     |             | 0   | 0              |     |
| Di-n-octylphthalate        | 1600  |                  | 1700   | ug/Kg | 106 |             |     |             | 0   | 0              |     |
| Benzo(b)fluoranthene       | 1600  |                  | 1600   | ug/Kg | 100 |             |     |             | 0   | 0              |     |
| Benzo(k)fluoranthene       | 1600  |                  | 1600   | ug/Kg | 100 |             |     |             | 0   | 0              |     |
| Benzo(a)pyrene             | 1600  |                  | 1600   | ug/Kg | 100 |             |     |             | 0   | 0              |     |
| Indeno(1,2,3-cd)pyrene     | 1600  |                  | 1600   | ug/Kg | 100 |             |     |             | 0   | 0              |     |
| Dibenzo(a,h)anthracene     | 1600  |                  | 1600   | ug/Kg | 100 |             |     |             | 0   | 0              |     |
| Benzo(g,h,i)perylene       | 1600  |                  | 1600   | ug/Kg | 100 |             |     |             | 0   | 0              |     |
| 2,3,4,6-Tetrachlorophenol  | 1600  |                  | 1600   | ug/Kg | 100 |             |     |             | 0   | 0              |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BG110624

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

**Analytical Method:** SFAM\_SVOC

| Parameter                   | Spike              | Sample Result            | Result          | Units | Rec | Rec Qual | RPD | RPD Qual         | Low               | Limits High | RPD |
|-----------------------------|--------------------|--------------------------|-----------------|-------|-----|----------|-----|------------------|-------------------|-------------|-----|
| <b>Lab Sample ID:</b>       | <b>P4634-19MSD</b> | <b>Client Sample ID:</b> | <b>CC0R7MSD</b> |       |     |          |     | <b>DataFile:</b> | <b>BG063190.D</b> |             |     |
| 1,4-Dioxane                 | 660                |                          | 410             | ug/Kg | 62  |          | 5   |                  | 15                | 120         | 50  |
| Benzaldehyde                | 1600               |                          | 220             | ug/Kg | 14  |          | 13  | *                | 0                 | 0           | 0   |
| Pyridine                    | 1600               |                          | 1100            | ug/Kg | 69  |          | 16  | *                | 0                 | 0           | 0   |
| Phenol                      | 1600               |                          | 1400            | ug/Kg | 88  |          | 13  |                  | 26                | 90          | 35  |
| Bis(2-chloroethyl)ether     | 1600               |                          | 1200            | ug/Kg | 75  |          | 16  | *                | 0                 | 0           | 0   |
| 2-Chlorophenol              | 1600               |                          | 1400            | ug/Kg | 88  |          | 13  |                  | 25                | 102         | 50  |
| 2-Methylphenol              | 1600               |                          | 1400            | ug/Kg | 88  |          | 19  | *                | 0                 | 0           | 0   |
| 2,2-oxybis(1-Chloropropane) | 1600               |                          | 1300            | ug/Kg | 81  |          | 15  | *                | 0                 | 0           | 0   |
| Acetophenone                | 1600               |                          | 1200            | ug/Kg | 75  |          | 22  | *                | 0                 | 0           | 0   |
| 4-Methylphenol              | 1600               |                          | 1300            | ug/Kg | 81  |          | 21  | *                | 0                 | 0           | 0   |
| N-Nitroso-di-n-propylamine  | 1600               |                          | 1200            | ug/Kg | 75  |          | 22  |                  | 41                | 126         | 38  |
| Hexachloroethane            | 1600               |                          | 1400            | ug/Kg | 88  |          | 7   | *                | 0                 | 0           | 0   |
| Nitrobenzene                | 1600               |                          | 1400            | ug/Kg | 88  |          | 7   | *                | 0                 | 0           | 0   |
| Isophorone                  | 1600               |                          | 1200            | ug/Kg | 75  |          | 16  | *                | 0                 | 0           | 0   |
| 2-Nitrophenol               | 1600               |                          | 1400            | ug/Kg | 88  |          | 13  | *                | 0                 | 0           | 0   |
| 2,4-Dimethylphenol          | 1600               |                          | 1400            | ug/Kg | 88  |          | 13  | *                | 0                 | 0           | 0   |
| Bis(2-chloroethoxy)methane  | 1600               |                          | 1300            | ug/Kg | 81  |          | 15  | *                | 0                 | 0           | 0   |
| 2,4-Dichlorophenol          | 1600               |                          | 1500            | ug/Kg | 94  |          | 12  | *                | 0                 | 0           | 0   |
| Naphthalene                 | 1600               |                          | 1400            | ug/Kg | 88  |          | 7   | *                | 0                 | 0           | 0   |
| 4-Chloroaniline             | 1600               |                          | 700             | ug/Kg | 44  |          | 17  | *                | 0                 | 0           | 0   |
| Hexachlorobutadiene         | 1600               |                          | 1400            | ug/Kg | 88  |          | 7   | *                | 0                 | 0           | 0   |
| Caprolactam                 | 1600               |                          | 1300            | ug/Kg | 81  |          | 8   | *                | 0                 | 0           | 0   |
| 4-Chloro-3-methylphenol     | 1600               |                          | 1500            | ug/Kg | 94  |          | 6   |                  | 26                | 103         | 33  |
| 1-Methylnaphthalene         | 1600               |                          | 1400            | ug/Kg | 88  |          | 7   | *                | 0                 | 0           | 0   |
| 2-Methylnaphthalene         | 1600               |                          | 1400            | ug/Kg | 88  |          | 13  | *                | 0                 | 0           | 0   |
| Hexachlorocyclopentadiene   | 1600               |                          | 1100            | ug/Kg | 69  |          | 8   | *                | 0                 | 0           | 0   |
| 2,4,6-Trichlorophenol       | 1600               |                          | 1500            | ug/Kg | 94  |          | 12  | *                | 0                 | 0           | 0   |
| 2,4,5-Trichlorophenol       | 1600               |                          | 1500            | ug/Kg | 94  |          | 12  | *                | 0                 | 0           | 0   |
| 1,1'-Biphenyl               | 1600               |                          | 1400            | ug/Kg | 88  |          | 13  | *                | 0                 | 0           | 0   |
| 2-Chloronaphthalene         | 1600               |                          | 1400            | ug/Kg | 88  |          | 13  | *                | 0                 | 0           | 0   |
| 2-Nitroaniline              | 1600               |                          | 1400            | ug/Kg | 88  |          | 13  | *                | 0                 | 0           | 0   |
| Dimethylphthalate           | 1600               |                          | 1200            | ug/Kg | 75  |          | 16  | *                | 0                 | 0           | 0   |
| 2,6-Dinitrotoluene          | 1600               |                          | 1400            | ug/Kg | 88  |          | 13  | *                | 0                 | 0           | 0   |
| Acenaphthylene              | 1600               |                          | 1300            | ug/Kg | 81  |          | 21  | *                | 0                 | 0           | 0   |
| 3-Nitroaniline              | 1600               |                          | 1400            | ug/Kg | 88  |          | 13  | *                | 0                 | 0           | 0   |
| Acenaphthene                | 1600               |                          | 1400            | ug/Kg | 88  |          | 13  |                  | 31                | 137         | 19  |
| 2,4-Dinitrophenol           | 1600               |                          | 1300            | ug/Kg | 81  |          | 15  | *                | 0                 | 0           | 0   |
| 4-Nitrophenol               | 1600               |                          | 1300            | ug/Kg | 81  |          | 15  |                  | 11                | 114         | 50  |
| Dibenzofuran                | 1600               |                          | 1400            | ug/Kg | 88  |          | 13  | *                | 0                 | 0           | 0   |
| 2,4-Dinitrotoluene          | 1600               |                          | 1300            | ug/Kg | 81  |          | 15  |                  | 28                | 89          | 47  |
| Diethylphthalate            | 1600               |                          | 1200            | ug/Kg | 75  |          | 16  | *                | 0                 | 0           | 0   |
| Fluorene                    | 1600               |                          | 1300            | ug/Kg | 81  |          | 15  | *                | 0                 | 0           | 0   |
| 4-Chlorophenyl-phenylether  | 1600               |                          | 1300            | ug/Kg | 81  |          | 15  | *                | 0                 | 0           | 0   |
| 4-Nitroaniline              | 1600               |                          | 1500            | ug/Kg | 94  |          | 18  | *                | 0                 | 0           | 0   |
| 4,6-Dinitro-2-methylphenol  | 1600               |                          | 1300            | ug/Kg | 81  |          | 21  | *                | 0                 | 0           | 0   |
| N-Nitrosodiphenylamine      | 1600               |                          | 1400            | ug/Kg | 88  |          | 19  | *                | 0                 | 0           | 0   |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BG110624

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

**Analytical Method:** SFAM\_SVOC

| Parameter                  | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|----------------------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| 1,2,4,5-Tetrachlorobenzene | 1600  |                  | 1400   | ug/Kg | 88  |             | 13  | *           | 0   | 0              | 0   |
| 4-Bromophenyl-phenylether  | 1600  |                  | 1400   | ug/Kg | 88  |             | 19  | *           | 0   | 0              | 0   |
| Hexachlorobenzene          | 1600  |                  | 1400   | ug/Kg | 88  |             | 19  | *           | 0   | 0              | 0   |
| Atrazine                   | 1600  |                  | 1300   | ug/Kg | 81  |             | 15  | *           | 0   | 0              | 0   |
| Pentachlorophenol          | 1600  |                  | 1400   | ug/Kg | 88  |             | 13  |             | 17  | 109            | 47  |
| Phenanthrene               | 1600  |                  | 1400   | ug/Kg | 88  |             | 13  | *           | 0   | 0              | 0   |
| Pentachlorobenzene         | 1600  |                  | 1400   | ug/Kg | 88  |             | 19  | *           | 0   | 0              | 0   |
| Anthracene                 | 1600  |                  | 1400   | ug/Kg | 88  |             | 13  | *           | 0   | 0              | 0   |
| 1,2,3,4-Tetrachlorobenzene | 1600  |                  | 1500   | ug/Kg | 94  |             | 18  | *           | 0   | 0              | 0   |
| Carbazole                  | 1600  |                  | 1400   | ug/Kg | 88  |             | 13  | *           | 0   | 0              | 0   |
| Di-n-butylphthalate        | 1600  |                  | 1300   | ug/Kg | 81  |             | 15  | *           | 0   | 0              | 0   |
| Fluoranthene               | 1600  |                  | 1400   | ug/Kg | 88  |             | 13  | *           | 0   | 0              | 0   |
| Pyrene                     | 1600  |                  | 1400   | ug/Kg | 88  |             | 13  |             | 35  | 142            | 36  |
| Butylbenzylphthalate       | 1600  |                  | 1500   | ug/Kg | 94  |             | 12  | *           | 0   | 0              | 0   |
| 3,3'-Dichlorobenzidine     | 1600  |                  | 1300   | ug/Kg | 81  |             | 21  | *           | 0   | 0              | 0   |
| Benzo(a)anthracene         | 1600  |                  | 1400   | ug/Kg | 88  |             | 13  | *           | 0   | 0              | 0   |
| Chrysene                   | 1600  |                  | 1400   | ug/Kg | 88  |             | 13  | *           | 0   | 0              | 0   |
| Bis(2-ethylhexyl)phthalate | 1600  |                  | 1500   | ug/Kg | 94  |             | 12  | *           | 0   | 0              | 0   |
| Di-n-octylphthalate        | 1600  |                  | 1500   | ug/Kg | 94  |             | 12  | *           | 0   | 0              | 0   |
| Benzo(b)fluoranthene       | 1600  |                  | 1400   | ug/Kg | 88  |             | 13  | *           | 0   | 0              | 0   |
| Benzo(k)fluoranthene       | 1600  |                  | 1400   | ug/Kg | 88  |             | 13  | *           | 0   | 0              | 0   |
| Benzo(a)pyrene             | 1600  |                  | 1400   | ug/Kg | 88  |             | 13  | *           | 0   | 0              | 0   |
| Indeno(1,2,3-cd)pyrene     | 1600  |                  | 1400   | ug/Kg | 88  |             | 13  | *           | 0   | 0              | 0   |
| Dibenzo(a,h)anthracene     | 1600  |                  | 1400   | ug/Kg | 88  |             | 13  | *           | 0   | 0              | 0   |
| Benzo(g,h,i)perylene       | 1600  |                  | 1400   | ug/Kg | 88  |             | 13  | *           | 0   | 0              | 0   |
| 2,3,4,6-Tetrachlorophenol  | 1600  |                  | 1400   | ug/Kg | 88  |             | 13  | *           | 0   | 0              | 0   |

## Surrogate Summary

SW-846

SDG No.: **BG110624**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4634-01      | C0PI0     | BG063194.D | 1,4-Dioxane-d8                | 8              | 3.12            | 39           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 5.54            | 14           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 18.58           | 46           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 18.26           | 46           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 19.83           | 50           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 19.54           | 49           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 19.27           | 48           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 20.05           | 50           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 19.91           | 50           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 17.86           | 45           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 18.87           | 47           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 21.77           | 54           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 17.37           | 43           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 21.30           | 53           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 16.39           | 41           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 20.80           | 52           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 22.06           | 55           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 21.20           | 53           |      | 10         | 140  |
| P4634-03      | C0PI6     | BG063174.D | 1,4-Dioxane-d8                | 8              | 4.48            | 56           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 5.72            | 14           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 27.81           | 70           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 29.97           | 75           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 30.61           | 77           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 29.42           | 74           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 32.35           | 81           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 29.80           | 74           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 29.18           | 73           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 23.09           | 58           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 32.74           | 82           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 33.69           | 84           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 27.50           | 69           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 34.97           | 87           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 27.37           | 68           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 34.87           | 87           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 37.12           | 93           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 35.53           | 89           |      | 10         | 140  |
| P4634-05      | C0PI9     | BG063173.D | Pyridine-d5                   | 40             | 16.13           | 40           |      | 20         | 120  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 5.77            | 72           |      | 15         | 120  |
|               |           |            | Phenol-d5                     | 40             | 34.33           | 86           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 36.00           | 90           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 36.47           | 91           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 36.06           | 90           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 36.83           | 92           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 37.17           | 93           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 36.35           | 91           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 36.05           | 90           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 41.52           | 104          |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 39.63           | 99           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 38.25           | 96           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: **BG110624**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4634-05      | C0P19     | BG063173.D | Fluorene-d10                  | 40             | 40.39           | 101          |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 35.94           | 90           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 40.42           | 101          |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 42.57           | 106          |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 41.45           | 104          |      | 10         | 140  |
| P4634-06      | CC0P1     | BG063187.D | 1,4-Dioxane-d8                | 8              | 3.81            | 48           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 17.08           | 43           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 24.15           | 60           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 22.57           | 56           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 25.29           | 63           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 25.06           | 63           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 24.60           | 61           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 24.26           | 61           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 25.19           | 63           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 23.18           | 58           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 22.57           | 56           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 25.61           | 64           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 21.85           | 55           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 24.59           | 61           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 20.00           | 50           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 25.77           | 64           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 27.42           | 69           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 26.19           | 65           |      | 10         | 140  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 3.82            | 48           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 5.09            | 13           | *    | 20         | 120  |
| P4634-07      | CC0P3     | BG063184.D | Phenol-d5                     | 40             | 26.41           | 66           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 25.24           | 63           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 28.45           | 71           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 28.47           | 71           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 28.50           | 71           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 27.42           | 69           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 29.64           | 74           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 21.44           | 54           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 26.44           | 66           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 30.04           | 75           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 26.49           | 66           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 29.68           | 74           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 25.51           | 64           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 30.68           | 77           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 31.88           | 80           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 30.64           | 77           |      | 10         | 140  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 3.60            | 45           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 14.76           | 37           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 22.40           | 56           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 21.25           | 53           |      | 10         | 150  |
| P4634-08      | CC0P5     | BG063185.D | 2-Chlorophenol-d4             | 40             | 24.02           | 60           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 22.53           | 56           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 22.72           | 57           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 22.79           | 57           |      | 10         | 120  |

## Surrogate Summary

SW-846

SDG No.: BG110624

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4634-08      | CC0P5     | BG063185.D | 2,4-Dichlorophenol-d3         | 40             | 24.19           | 60           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 21.33           | 53           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 21.87           | 55           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 24.40           | 61           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 19.40           | 48           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 23.88           | 60           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 20.01           | 50           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 25.05           | 63           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 25.76           | 64           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 25.49           | 64           |      | 10         | 140  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 2.78            | 35           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 2.85            | 7            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 16.80           | 42           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 15.88           | 40           |      | 10         | 150  |
| P4634-09      | CC0P7     | BG063179.D | 2-Chlorophenol-d4             | 40             | 17.93           | 45           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 16.89           | 42           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 15.52           | 39           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 17.09           | 43           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 19.10           | 48           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 10.20           | 26           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 15.71           | 39           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 16.65           | 42           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 13.78           | 34           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 17.32           | 43           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 14.57           | 36           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 17.93           | 45           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 15.59           | 39           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 11.73           | 29           |      | 10         | 140  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 1.27            | 16           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 4.16            | 10           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 8.47            | 21           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 7.97            | 20           |      | 10         | 150  |
| P4634-10      | CC0P9     | BG063180.D | 2-Chlorophenol-d4             | 40             | 9.40            | 23           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 8.24            | 21           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 9.10            | 23           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 9.40            | 24           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 9.80            | 24           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 3.33            | 8            |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 9.15            | 23           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 9.87            | 25           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 7.18            | 18           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 10.45           | 26           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 8.13            | 20           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 11.58           | 29           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 10.54           | 26           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 8.13            | 20           |      | 10         | 140  |
|               |           |            | Pyridine-d5                   | 40             | 3.24            | 8            | *    | 20         | 120  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 3.95            | 49           |      | 15         | 120  |
|               |           |            | Phenol-d5                     | 40             | 23.22           | 58           |      | 10         | 130  |
| P4634-11      | CC0Q1     | BG063178.D |                               |                |                 |              |      |            |      |
|               |           |            |                               |                |                 |              |      |            |      |
|               |           |            |                               |                |                 |              |      |            |      |



## Surrogate Summary

SW-846

SDG No.: BG110624

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4634-11      | CC0Q1     | BG063178.D | Bis(2-Chloroethyl)ether-d8    | 40             | 23.29           | 58           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 25.26           | 63           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 23.87           | 60           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 24.67           | 62           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 23.93           | 60           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 24.49           | 61           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 15.44           | 39           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 23.32           | 58           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 25.01           | 63           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 17.67           | 44           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 25.92           | 65           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 19.22           | 48           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 26.10           | 65           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 27.88           | 70           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 25.66           | 64           |      | 10         | 140  |
| P4634-12      | CC0Q6     | BG063182.D | 1,4-Dioxane-d8                | 8              | 3.64            | 45           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 15.35           | 38           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 23.07           | 58           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 22.81           | 57           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 24.85           | 62           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 23.80           | 60           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 23.40           | 59           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 24.79           | 62           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 25.17           | 63           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 21.74           | 54           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 22.29           | 56           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 24.99           | 62           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 20.04           | 50           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 24.80           | 62           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 18.99           | 47           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 25.17           | 63           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 26.64           | 67           |      | 10         | 130  |
| P4634-13      | CC0Q8     | BG063181.D | Benzo(a)pyrene-d12            | 40             | 25.00           | 62           |      | 10         | 140  |
|               |           |            | Pyridine-d5                   | 40             | 1.97            | 5            | *    | 20         | 120  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 1.02            | 13           | *    | 15         | 120  |
|               |           |            | Phenol-d5                     | 40             | 6.38            | 16           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 6.13            | 15           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 7.03            | 18           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 4.89            | 12           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 6.44            | 16           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 6.87            | 17           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 7.20            | 18           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 2.85            | 7            |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 6.86            | 17           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 7.33            | 18           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 5.47            | 14           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 7.60            | 19           | *    | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 4.71            | 12           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 7.98            | 20           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: **BG110624**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4634-13      | CC0Q8     | BG063181.D | Pyrene-d10                    | 40             | 6.51            | 16           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 4.05            | 10           |      | 10         | 140  |
| P4634-14      | CC0R3     | BG063186.D | 1,4-Dioxane-d8                | 8              | 3.96            | 50           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 19.46           | 49           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 28.75           | 72           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 26.18           | 65           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 29.45           | 74           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 28.91           | 72           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 27.62           | 69           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 27.45           | 69           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 30.02           | 75           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 26.56           | 66           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 26.09           | 65           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 29.59           | 74           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 24.23           | 61           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 28.92           | 72           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 21.91           | 55           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 30.48           | 76           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 31.06           | 78           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 30.68           | 77           |      | 10         | 140  |
| P4634-15      | CC0R4     | BG063183.D | 1,4-Dioxane-d8                | 8              | 4.54            | 57           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 22.44           | 56           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 29.60           | 74           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 29.51           | 74           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 32.30           | 81           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 29.50           | 74           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 33.37           | 83           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 32.14           | 80           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 32.67           | 82           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 29.03           | 73           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 29.25           | 73           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 32.67           | 82           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 24.17           | 60           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 32.71           | 82           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 24.27           | 61           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 33.45           | 84           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 35.43           | 89           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 32.89           | 82           |      | 10         | 140  |
| P4634-16      | CC0R5     | BG063175.D | 1,4-Dioxane-d8                | 8              | 4.43            | 55           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 17.47           | 44           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 22.60           | 56           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 24.41           | 61           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 23.96           | 60           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 23.77           | 59           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 24.31           | 61           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 24.54           | 61           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 23.55           | 59           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 23.70           | 59           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 26.10           | 65           |      | 10         | 145  |

## Surrogate Summary

SW-846

SDG No.: **BG110624**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4634-16      | CC0R5     | BG063175.D | Acenaphthylene-d8             | 40             | 25.88           | 65           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 23.06           | 58           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 25.99           | 65           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 20.79           | 52           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 25.72           | 64           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 27.70           | 69           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 26.08           | 65           |      | 10         | 140  |
| P4634-17      | CC0R7     | BG063188.D | 1,4-Dioxane-d8                | 8              | 4.19            | 52           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 5.75            | 14           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 26.66           | 67           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 26.16           | 65           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 27.81           | 70           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 27.62           | 69           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 28.24           | 71           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 27.99           | 70           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 27.80           | 70           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 23.09           | 58           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 23.79           | 59           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 26.97           | 67           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 23.00           | 57           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 26.57           | 66           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 21.92           | 55           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 27.69           | 69           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 29.12           | 73           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 28.01           | 70           |      | 10         | 140  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 3.72            | 47           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 6.60            | 16           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 30.75           | 77           |      | 10         | 130  |
| P4634-18MS    | CC0R7MS   | BG063189.D | Bis(2-Chloroethyl)ether-d8    | 40             | 28.10           | 70           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 31.79           | 79           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 31.66           | 79           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 29.47           | 74           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 30.40           | 76           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 32.87           | 82           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 25.12           | 63           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 27.71           | 69           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 30.77           | 77           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 28.50           | 71           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 30.62           | 77           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 29.41           | 74           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 30.90           | 77           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 31.48           | 79           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 31.08           | 78           |      | 10         | 140  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 3.91            | 49           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 5.62            | 14           | *    | 20         | 120  |
| P4634-19MSD   | CC0R7MSD  | BG063190.D | Phenol-d5                     | 40             | 26.08           | 65           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 24.31           | 61           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 27.35           | 68           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 26.37           | 66           |      | 10         | 140  |
|               |           |            |                               |                |                 |              |      |            |      |

## Surrogate Summary

SW-846

SDG No.: BG110624

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P4634-19MSD   | CC0R7MSD   | BG063190.D | Nitrobenzene-d5               | 40             | 26.22           | 66           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 26.38           | 66           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 28.99           | 72           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 22.04           | 55           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 23.15           | 58           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 25.97           | 65           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 25.35           | 63           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 25.56           | 64           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 24.24           | 61           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 26.60           | 66           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 27.16           | 68           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 27.07           | 68           |      | 10         | 140  |
|               |            |            |                               |                |                 |              |      |            |      |
| PB164608BL    | PB164608BL | BG063193.D | 1,4-Dioxane-d8                | 8              | 4.50            | 56           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 23.69           | 59           |      | 20         | 120  |
|               |            | BG063177.D | 1,4-Dioxane-d8                | 8              | 4.48            | 56           |      | 15         | 120  |
|               |            | BG063172.D | Pyridine-d5                   | 40             | 23.82           | 60           |      | 20         | 120  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 4.60            | 57           |      | 15         | 120  |
|               |            | BG063177.D | Pyridine-d5                   | 40             | 22.06           | 55           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 21.38           | 53           |      | 10         | 130  |
|               |            | BG063172.D | Phenol-d5                     | 40             | 22.49           | 56           |      | 10         | 130  |
|               |            | BG063193.D | Phenol-d5                     | 40             | 28.23           | 71           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 26.98           | 67           |      | 10         | 150  |
|               |            | BG063172.D | Bis(2-Chloroethyl)ether-d8    | 40             | 24.72           | 62           |      | 10         | 150  |
|               |            | BG063177.D | Bis(2-Chloroethyl)ether-d8    | 40             | 24.34           | 61           |      | 10         | 150  |
|               |            | BG063172.D | 2-Chlorophenol-d4             | 40             | 23.89           | 60           |      | 15         | 120  |
|               |            | BG063177.D | 2-Chlorophenol-d4             | 40             | 24.31           | 61           |      | 15         | 120  |
|               |            | BG063193.D | 2-Chlorophenol-d4             | 40             | 28.99           | 72           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 28.56           | 71           |      | 10         | 140  |
|               |            | BG063177.D | 4-Methylphenol-d8             | 40             | 22.10           | 55           |      | 10         | 140  |
|               |            | BG063172.D | 4-Methylphenol-d8             | 40             | 22.84           | 57           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 24.56           | 61           |      | 10         | 135  |
|               |            | BG063177.D | Nitrobenzene-d5               | 40             | 25.14           | 63           |      | 10         | 135  |
|               |            | BG063193.D | Nitrobenzene-d5               | 40             | 26.11           | 65           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 26.61           | 67           |      | 10         | 120  |
|               |            | BG063172.D | 2-Nitrophenol-d4              | 40             | 25.10           | 63           |      | 10         | 120  |
|               |            | BG063177.D | 2-Nitrophenol-d4              | 40             | 25.16           | 63           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 22.92           | 57           |      | 10         | 140  |
|               |            | BG063172.D | 2,4-Dichlorophenol-d3         | 40             | 22.12           | 55           |      | 10         | 140  |
|               |            | BG063193.D | 2,4-Dichlorophenol-d3         | 40             | 28.00           | 70           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 26.07           | 65           |      | 1          | 145  |
|               |            | BG063172.D | 4-Chloroaniline-d4            | 40             | 24.16           | 60           |      | 1          | 145  |
|               |            | BG063177.D | 4-Chloroaniline-d4            | 40             | 23.83           | 60           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 25.93           | 65           |      | 10         | 145  |
|               |            | BG063172.D | Dimethylphthalate-d6          | 40             | 27.44           | 69           |      | 10         | 145  |
|               |            | BG063193.D | Dimethylphthalate-d6          | 40             | 24.48           | 61           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 27.08           | 68           |      | 15         | 120  |
|               |            | BG063172.D | Acenaphthylene-d8             | 40             | 25.36           | 63           |      | 15         | 120  |
|               |            | BG063177.D | Acenaphthylene-d8             | 40             | 24.94           | 62           |      | 15         | 120  |
|               |            | BG063172.D | 4-Nitrophenol-d4              | 40             | 22.80           | 57           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BG110624

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| PB164608BL    | PB164608BL | BG063177.D | 4-Nitrophenol-d4              | 40             | 22.79           | 57           |      | 10         | 150  |
|               |            | BG063193.D | 4-Nitrophenol-d4              | 40             | 23.26           | 58           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 26.65           | 67           |      | 20         | 140  |
|               |            | BG063172.D | Fluorene-d10                  | 40             | 25.78           | 64           |      | 20         | 140  |
|               |            | BG063177.D | Fluorene-d10                  | 40             | 25.15           | 63           |      | 20         | 140  |
|               |            | BG063172.D | 4,6-Dinitro-2-methylphenol-d2 | 40             | 21.78           | 54           |      | 10         | 130  |
|               |            | BG063177.D | 4,6-Dinitro-2-methylphenol-d2 | 40             | 22.47           | 56           |      | 10         | 130  |
|               |            | BG063193.D | 4,6-Dinitro-2-methylphenol-d2 | 40             | 22.32           | 56           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 28.68           | 72           |      | 10         | 150  |
|               |            | BG063172.D | Anthracene-d10                | 40             | 26.32           | 66           |      | 10         | 150  |
|               |            | BG063177.D | Anthracene-d10                | 40             | 26.27           | 66           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 27.00           | 68           |      | 10         | 130  |
|               |            | BG063172.D | Pyrene-d10                    | 40             | 27.00           | 68           |      | 10         | 130  |
|               |            | BG063193.D | Pyrene-d10                    | 40             | 29.35           | 73           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 28.03           | 70           |      | 10         | 140  |
|               |            | BG063172.D | Benzo(a)pyrene-d12            | 40             | 25.96           | 65           |      | 10         | 140  |
|               |            | BG063177.D | Benzo(a)pyrene-d12            | 40             | 26.34           | 66           |      | 10         | 140  |
| PB164608BS    | PB164608BS | BG063191.D | 1,4-Dioxane-d8                | 8              | 4.52            | 56           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 23.12           | 58           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 29.24           | 73           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 25.69           | 64           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 31.00           | 77           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 29.27           | 73           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 29.10           | 73           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 28.78           | 72           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 31.89           | 80           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 25.01           | 63           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 25.00           | 62           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 27.90           | 70           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 29.15           | 73           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 27.17           | 68           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 28.63           | 72           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 29.21           | 73           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 30.01           | 75           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 29.39           | 73           |      | 10         | 140  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG110624

Lab Code: CHEM

SAS No.: BG110624 SDG NO.: BG110624

Lab File ID: BG063164.D

DFTPP Injection Date: 11/06/2024

Instrument ID: BNA\_G

DFTPP Injection Time: 10:56

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 28.7                 |
| 68  | Less than 2.0% of mass 69          | 0.6 ( 1.7 ) 1        |
| 69  | Mass 69 relative abundance         | 33.2                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.4 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 33.6                 |
| 197 | Less than 2.0% of mass 198         | 0.3                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.8                  |
| 275 | 10.0 - 60.0% of mass 198           | 33.5                 |
| 365 | Greater than 1% of mass 198        | 5.1                  |
| 441 | Present, but less than mass 443    | 12.9                 |
| 442 | Greater than 50% of mass 198       | 76.8                 |
| 443 | 15.0 - 24.0% of mass 442           | 15.4 ( 20.1 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| SSTD005410        | SSTD00570        | BG063165.D     | 11/06/2024       | 11:37            |
| SSTD010411        | SSTD01071        | BG063166.D     | 11/06/2024       | 12:54            |
| SSTD020412        | SSTD02072        | BG063167.D     | 11/06/2024       | 13:32            |
| SSTD040413        | SSTD04073        | BG063168.D     | 11/06/2024       | 14:10            |
| SSTD080414        | SSTD08074        | BG063169.D     | 11/06/2024       | 14:48            |
| SSTD160415        | SSTD16075        | BG063170.D     | 11/06/2024       | 15:26            |
| SICV416           | SSTDICV020       | BG063171.D     | 11/06/2024       | 16:54            |
| SBLK608           | PB164608BL       | BG063172.D     | 11/06/2024       | 17:35            |
| C0PI9             | P4634-05         | BG063173.D     | 11/06/2024       | 18:13            |
| C0PI6             | P4634-03         | BG063174.D     | 11/06/2024       | 18:52            |
| CC0R5             | P4634-16         | BG063175.D     | 11/06/2024       | 19:30            |
| SSTD020516        | SSTDCCC020       | BG063176.D     | 11/06/2024       | 20:46            |
| SBLK608           | PB164608BL       | BG063177.D     | 11/06/2024       | 21:24            |
| CC0Q1             | P4634-11         | BG063178.D     | 11/06/2024       | 22:03            |
| CC0P7             | P4634-09         | BG063179.D     | 11/06/2024       | 22:41            |
| CC0P9             | P4634-10         | BG063180.D     | 11/06/2024       | 23:19            |
| CC0Q8             | P4634-13         | BG063181.D     | 11/06/2024       | 23:57            |
| CC0Q6             | P4634-12         | BG063182.D     | 11/07/2024       | 00:35            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG110624

Lab Code: CHEM

SAS No.: BG110624 SDG NO.: BG110624

Lab File ID: BG063164.D

DFTPP Injection Date: 11/06/2024

Instrument ID: BNA\_G

DFTPP Injection Time: 10:56

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 28.7                 |
| 68  | Less than 2.0% of mass 69          | 0.6 ( 1.7 ) 1        |
| 69  | Mass 69 relative abundance         | 33.2                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.4 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 33.6                 |
| 197 | Less than 2.0% of mass 198         | 0.3                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.8                  |
| 275 | 10.0 - 60.0% of mass 198           | 33.5                 |
| 365 | Greater than 1% of mass 198        | 5.1                  |
| 441 | Present, but less than mass 443    | 12.9                 |
| 442 | Greater than 50% of mass 198       | 76.8                 |
| 443 | 15.0 - 24.0% of mass 442           | 15.4 ( 20.1 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| CC0R4             | P4634-15         | BG063183.D     | 11/07/2024       | 01:13            |
| CC0P3             | P4634-07         | BG063184.D     | 11/07/2024       | 01:51            |
| CC0P5             | P4634-08         | BG063185.D     | 11/07/2024       | 02:29            |
| CC0R3             | P4634-14         | BG063186.D     | 11/07/2024       | 03:07            |
| CC0P1             | P4634-06         | BG063187.D     | 11/07/2024       | 03:45            |
| CC0R7             | P4634-17         | BG063188.D     | 11/07/2024       | 04:23            |
| CC0R7MS           | P4634-18MS       | BG063189.D     | 11/07/2024       | 05:01            |
| CC0R7MSD          | P4634-19MSD      | BG063190.D     | 11/07/2024       | 05:39            |
| SLCS608           | PB164608BS       | BG063191.D     | 11/07/2024       | 06:17            |
| SSTD020517        | SSTDCCC020       | BG063192.D     | 11/07/2024       | 07:33            |
| SBLK608           | PB164608BL       | BG063193.D     | 11/07/2024       | 08:11            |
| C0PI0             | P4634-01         | BG063194.D     | 11/07/2024       | 08:49            |