

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BP080124 SAS No.: BP080124 SDG No.: BP080124

Instrument ID: BNA\_P Calibration Date/Time: 8/1/2024 12:17:22

Lab File ID: BP021293.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020720 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.483 | 0.445  | 0.010   | -7.8928  | 40.0  |
| Benzaldehyde                | 0.822 | 0.832  | 0.010   | 1.1763   | 40.0  |
| Pyridine                    | 1.312 | 1.102  | 0.010   | -16.0111 | 40.0  |
| Phenol                      | 1.650 | 1.389  | 0.080   | -15.8045 | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.363 | 1.110  | 0.100   | -18.5467 | 20.0  |
| 2-Chlorophenol              | 1.346 | 1.207  | 0.200   | -10.3821 | 20.0  |
| 2-Methylphenol              | 1.276 | 1.072  | 0.010   | -16.0023 | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 1.969 | 1.365  | 0.010   | -30.6907 | 40.0  |
| Acetophenone                | 2.090 | 1.780  | 0.060   | -14.841  | 20.0  |
| 4-Methylphenol              | 1.367 | 1.151  | 0.010   | -15.8284 | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.095 | 0.827  | 0.050   | -24.5176 | 30.0  |
| Hexachloroethane            | 0.605 | 0.514  | 0.100   | -15.0718 | 20.0  |
| Nitrobenzene                | 0.372 | 0.325  | 0.050   | -12.6919 | 25.0  |
| Isophorone                  | 0.740 | 0.602  | 0.050   | -18.6409 | 25.0  |
| 2-Nitrophenol               | 0.185 | 0.175  | 0.050   | -5.4821  | 25.0  |
| 2,4-Dimethylphenol          | 0.366 | 0.336  | 0.050   | -8.001   | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.450 | 0.366  | 0.050   | -18.7174 | 20.0  |
| 2,4-Dichlorophenol          | 0.317 | 0.301  | 0.060   | -5.0352  | 20.0  |
| Naphthalene                 | 1.052 | 0.971  | 0.200   | -7.6893  | 20.0  |
| 4-Chloroaniline             | 0.407 | 0.377  | 0.010   | -7.2698  | 40.0  |
| Hexachlorobutadiene         | 0.238 | 0.234  | 0.040   | -1.2956  | 30.0  |
| Caprolactam                 | 0.098 | 0.092  | 0.010   | -5.8692  | 40.0  |
| 4-Chloro-3-methylphenol     | 0.344 | 0.312  | 0.040   | -9.4342  | 25.0  |
| 1-Methylnaphthalene         | 0.743 | 0.673  | 0.100   | -9.3917  | 20.0  |
| 2-Methylnaphthalene         | 0.722 | 0.658  | 0.100   | -8.8617  | 20.0  |
| Hexachlorocyclopentadiene   | 0.340 | 0.322  | 0.010   | -5.1349  | 40.0  |
| 2,4,6-Trichlorophenol       | 0.410 | 0.390  | 0.090   | -5.0843  | 25.0  |
| 2,4,5-Trichlorophenol       | 0.434 | 0.398  | 0.100   | -8.2611  | 25.0  |
| 1,1-Biphenyl                | 1.462 | 1.352  | 0.200   | -7.498   | 20.0  |
| 2-Chloronaphthalene         | 1.167 | 1.100  | 0.300   | -5.7165  | 20.0  |
| 2-Nitroaniline              | 0.323 | 0.285  | 0.050   | -11.6647 | 40.0  |
| Dimethylphthalate           | 1.475 | 1.359  | 0.300   | -7.8721  | 20.0  |
| 2,6-Dinitrotoluene          | 0.295 | 0.276  | 0.080   | -6.5272  | 30.0  |
| Acenaphthylene              | 1.848 | 1.726  | 0.400   | -6.6414  | 20.0  |
| 3-Nitroaniline              | 0.257 | 0.259  | 0.010   | 1.0199   | 40.0  |
| Acenaphthene                | 1.227 | 1.156  | 0.200   | -5.8002  | 20.0  |
| 2,4-Dinitrophenol           | 0.155 | 0.150  | 0.010   | -3.43    | 40.0  |
| 4-Nitrophenol               | 0.168 | 0.158  | 0.010   | -6.3077  | 40.0  |
| Dibenzofuran                | 1.680 | 1.601  | 0.300   | -4.6878  | 20.0  |

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Instrument ID: BNA\_P Calibration Date/Time: 8/1/2024 12:17:22

Lab File ID: BP021293.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020720 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-------------------------------|-------|--------|---------|----------|-------|
| 2,4-Dinitrotoluene            | 0.405 | 0.414  | 0.070   | 2.3382   | 30.0  |
| Diethylphthalate              | 1.474 | 1.312  | 0.300   | -10.9903 | 20.0  |
| Fluorene                      | 1.371 | 1.318  | 0.200   | -3.8623  | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.744 | 0.717  | 0.100   | -3.5537  | 20.0  |
| 4-Nitroaniline                | 0.213 | 0.248  | 0.010   | 16.7576  | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.128 | 0.111  | 0.010   | -13.281  | 40.0  |
| N-Nitrosodiphenylamine        | 0.582 | 0.517  | 0.050   | -11.2004 | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.650 | 0.645  | 0.100   | -0.762   | 20.0  |
| 4-Bromophenyl-phenylether     | 0.234 | 0.222  | 0.070   | -5.4685  | 20.0  |
| Hexachlorobenzene             | 0.269 | 0.269  | 0.050   | 0.0334   | 25.0  |
| Atrazine                      | 0.212 | 0.201  | 0.010   | -5.4586  | 25.0  |
| Pentachlorophenol             | 0.146 | 0.182  | 0.010   | 24.7853  | 40.0  |
| Phenanthrene                  | 1.038 | 0.984  | 0.200   | -5.119   | 20.0  |
| Pentachlorobenzene            | 0.318 | 0.309  | 0.050   | -2.9558  | 20.0  |
| Anthracene                    | 1.058 | 0.992  | 0.200   | -6.1735  | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.320 | 0.300  | 0.050   | -6.1813  | 20.0  |
| Carbazole                     | 0.865 | 0.879  | 0.050   | 1.7137   | 40.0  |
| Di-n-butylphthalate           | 1.193 | 1.020  | 0.500   | -14.4781 | 25.0  |
| Fluoranthene                  | 1.493 | 1.089  | 0.400   | -27.0743 | 25.0  |
| Pyrene                        | 1.520 | 1.139  | 0.400   | -25.0396 | 25.0  |
| Butylbenzylphthalate          | 0.633 | 0.455  | 0.100   | -28.1053 | 40.0  |
| 3,3-Dichlorobenzidine         | 0.457 | 0.466  | 0.010   | 1.8644   | 40.0  |
| Benzo (a) anthracene          | 1.401 | 1.252  | 0.300   | -10.6186 | 30.0  |
| Chrysene                      | 1.302 | 1.165  | 0.200   | -10.5197 | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.911 | 0.646  | 0.200   | -29.1041 | 40.0  |
| Di-n-octyl phthalate          | 1.321 | 0.940  | 0.010   | -28.8874 | 40.0  |
| Benzo (b) fluoranthene        | 1.214 | 1.092  | 0.200   | -9.9902  | 25.0  |
| Benzo (k) fluoranthene        | 1.211 | 1.089  | 0.200   | -10.0672 | 25.0  |
| Benzo (a) pyrene              | 1.147 | 1.023  | 0.200   | -10.8146 | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.478 | 1.376  | 0.200   | -6.9217  | 25.0  |
| Dibenzo (a,h) anthracene      | 1.224 | 1.139  | 0.200   | -6.9327  | 30.0  |
| Benzo (g,h,i) perylene        | 1.204 | 1.104  | 0.200   | -8.2767  | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.372 | 0.369  | 0.040   | -0.7041  | 20.0  |
| 1,4-Dioxane-d8                | 0.440 | 0.398  | 0.010   | -9.4299  | 25.0  |
| Pyridine-d5                   | 1.272 | 1.056  | 0.010   | -17.0267 | 40.0  |
| Phenol-d5                     | 1.631 | 1.387  | 0.010   | -14.9061 | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 0.988 | 0.780  | 0.050   | -21.089  | 25.0  |
| 2-Chlorophenol-d4             | 1.343 | 1.228  | 0.200   | -8.6293  | 20.0  |
| 4-Methylphenol-d8             | 1.354 | 1.116  | 0.010   | -17.5653 | 20.0  |

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Instrument ID: BNA\_P Calibration Date/Time: 8/1/2024 12:17:22

Lab File ID: BP021293.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020720 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.155 | 0.145  | 0.050      | -6.7065  | 20.0  |
| 2-Nitrophenol-d4              | 0.178 | 0.172  | 0.050      | -3.0775  | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.322 | 0.305  | 0.060      | -4.9788  | 20.0  |
| 4-Chloroaniline-d4            | 0.426 | 0.398  | 0.010      | -6.4699  | 40.0  |
| Dimethylphthalate-d6          | 1.454 | 1.346  | 0.300      | -7.4095  | 20.0  |
| Acenaphthylene-d8             | 1.633 | 1.560  | 0.400      | -4.4691  | 20.0  |
| 4-Nitrophenol-d4              | 0.207 | 0.239  | 0.010      | 15.5243  | 40.0  |
| Fluorene-d10                  | 1.193 | 1.171  | 0.100      | -1.7843  | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.121 | 0.106  | 0.010      | -12.2303 | 40.0  |
| Anthracene-d10                | 0.888 | 0.846  | 0.300      | -4.7091  | 20.0  |
| Pyrene-d10                    | 1.236 | 0.942  | 0.300      | -23.8545 | 25.0  |
| Benzo(a)pyrene-d12            | 0.986 | 0.923  | 0.010      | -6.4591  | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BP080124 SAS No.: BP080124 SDG No.: BP080124

Instrument ID: BNA\_P Calibration Date/Time: 8/2/2024 12:03:42

Lab File ID: BP021307.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020721 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.483 | 0.432  | 0.010   | -10.5317 | 40.0  |
| Benzaldehyde                | 0.822 | 0.863  | 0.010   | 4.9427   | 40.0  |
| Pyridine                    | 1.312 | 1.118  | 0.010   | -14.8059 | 40.0  |
| Phenol                      | 1.650 | 1.448  | 0.080   | -12.2193 | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.363 | 1.108  | 0.100   | -18.6892 | 20.0  |
| 2-Chlorophenol              | 1.346 | 1.227  | 0.200   | -8.8874  | 20.0  |
| 2-Methylphenol              | 1.276 | 1.108  | 0.010   | -13.1479 | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 1.969 | 1.411  | 0.010   | -28.3408 | 40.0  |
| Acetophenone                | 2.090 | 1.807  | 0.060   | -13.5432 | 20.0  |
| 4-Methylphenol              | 1.367 | 1.151  | 0.010   | -15.8297 | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.095 | 0.829  | 0.050   | -24.2619 | 30.0  |
| Hexachloroethane            | 0.605 | 0.530  | 0.100   | -12.4306 | 20.0  |
| Nitrobenzene                | 0.372 | 0.326  | 0.050   | -12.5271 | 25.0  |
| Isophorone                  | 0.740 | 0.591  | 0.050   | -20.1572 | 25.0  |
| 2-Nitrophenol               | 0.185 | 0.172  | 0.050   | -7.2234  | 25.0  |
| 2,4-Dimethylphenol          | 0.366 | 0.331  | 0.050   | -9.5476  | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.450 | 0.359  | 0.050   | -20.1629 | 20.0  |
| 2,4-Dichlorophenol          | 0.317 | 0.294  | 0.060   | -7.233   | 20.0  |
| Naphthalene                 | 1.052 | 0.978  | 0.200   | -7.0289  | 20.0  |
| 4-Chloroaniline             | 0.407 | 0.368  | 0.010   | -9.4354  | 40.0  |
| Hexachlorobutadiene         | 0.238 | 0.230  | 0.040   | -3.2506  | 30.0  |
| Caprolactam                 | 0.098 | 0.088  | 0.010   | -9.614   | 40.0  |
| 4-Chloro-3-methylphenol     | 0.344 | 0.310  | 0.040   | -9.9263  | 25.0  |
| 1-Methylnaphthalene         | 0.743 | 0.678  | 0.100   | -8.6973  | 20.0  |
| 2-Methylnaphthalene         | 0.722 | 0.641  | 0.100   | -11.1766 | 20.0  |
| Hexachlorocyclopentadiene   | 0.340 | 0.307  | 0.010   | -9.7572  | 40.0  |
| 2,4,6-Trichlorophenol       | 0.410 | 0.376  | 0.090   | -8.4604  | 25.0  |
| 2,4,5-Trichlorophenol       | 0.434 | 0.392  | 0.100   | -9.7234  | 25.0  |
| 1,1-Biphenyl                | 1.462 | 1.321  | 0.200   | -9.6408  | 20.0  |
| 2-Chloronaphthalene         | 1.167 | 1.072  | 0.300   | -8.135   | 20.0  |
| 2-Nitroaniline              | 0.323 | 0.276  | 0.050   | -14.4355 | 40.0  |
| Dimethylphthalate           | 1.475 | 1.324  | 0.300   | -10.2844 | 20.0  |
| 2,6-Dinitrotoluene          | 0.295 | 0.266  | 0.080   | -9.8844  | 30.0  |
| Acenaphthylene              | 1.848 | 1.707  | 0.400   | -7.6523  | 20.0  |
| 3-Nitroaniline              | 0.257 | 0.254  | 0.010   | -0.9248  | 40.0  |
| Acenaphthene                | 1.227 | 1.146  | 0.200   | -6.5607  | 20.0  |
| 2,4-Dinitrophenol           | 0.155 | 0.176  | 0.010   | 13.3604  | 40.0  |
| 4-Nitrophenol               | 0.168 | 0.180  | 0.010   | 7.174    | 40.0  |
| Dibenzofuran                | 1.680 | 1.609  | 0.300   | -4.2393  | 20.0  |

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Instrument ID: BNA\_P Calibration Date/Time: 8/2/2024 12:03:42

Lab File ID: BP021307.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020721 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-------------------------------|-------|--------|---------|----------|-------|
| 2,4-Dinitrotoluene            | 0.405 | 0.411  | 0.070   | 1.5255   | 30.0  |
| Diethylphthalate              | 1.474 | 1.289  | 0.300   | -12.556  | 20.0  |
| Fluorene                      | 1.371 | 1.312  | 0.200   | -4.3234  | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.744 | 0.699  | 0.100   | -6.0209  | 20.0  |
| 4-Nitroaniline                | 0.213 | 0.255  | 0.010   | 20.018   | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.128 | 0.112  | 0.010   | -13.1001 | 40.0  |
| N-Nitrosodiphenylamine        | 0.582 | 0.506  | 0.050   | -13.1641 | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.650 | 0.634  | 0.100   | -2.3269  | 20.0  |
| 4-Bromophenyl-phenylether     | 0.234 | 0.209  | 0.070   | -10.793  | 20.0  |
| Hexachlorobenzene             | 0.269 | 0.262  | 0.050   | -2.5637  | 25.0  |
| Atrazine                      | 0.212 | 0.195  | 0.010   | -8.1468  | 25.0  |
| Pentachlorophenol             | 0.146 | 0.184  | 0.010   | 26.1316  | 40.0  |
| Phenanthrene                  | 1.038 | 0.976  | 0.200   | -5.9519  | 20.0  |
| Pentachlorobenzene            | 0.318 | 0.294  | 0.050   | -7.4649  | 20.0  |
| Anthracene                    | 1.058 | 0.999  | 0.200   | -5.5723  | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.320 | 0.285  | 0.050   | -10.9974 | 20.0  |
| Carbazole                     | 0.865 | 0.893  | 0.050   | 3.3356   | 40.0  |
| Di-n-butylphthalate           | 1.193 | 0.976  | 0.500   | -18.1513 | 25.0  |
| Fluoranthene                  | 1.493 | 1.070  | 0.400   | -28.3695 | 25.0  |
| Pyrene                        | 1.520 | 1.144  | 0.400   | -24.742  | 25.0  |
| Butylbenzylphthalate          | 0.633 | 0.428  | 0.100   | -32.3751 | 40.0  |
| 3,3-Dichlorobenzidine         | 0.457 | 0.468  | 0.010   | 2.4328   | 40.0  |
| Benzo (a) anthracene          | 1.401 | 1.283  | 0.300   | -8.4497  | 30.0  |
| Chrysene                      | 1.302 | 1.190  | 0.200   | -8.5662  | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.911 | 0.590  | 0.200   | -35.2262 | 40.0  |
| Di-n-octyl phthalate          | 1.321 | 0.841  | 0.010   | -36.3522 | 40.0  |
| Benzo (b) fluoranthene        | 1.214 | 1.090  | 0.200   | -10.2096 | 25.0  |
| Benzo (k) fluoranthene        | 1.211 | 1.097  | 0.200   | -9.4376  | 25.0  |
| Benzo (a) pyrene              | 1.147 | 1.064  | 0.200   | -7.2438  | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.478 | 1.365  | 0.200   | -7.6709  | 25.0  |
| Dibenzo (a,h) anthracene      | 1.224 | 1.143  | 0.200   | -6.6191  | 30.0  |
| Benzo (g,h,i) perylene        | 1.204 | 1.127  | 0.200   | -6.3766  | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.372 | 0.367  | 0.040   | -1.2306  | 20.0  |
| 1,4-Dioxane-d8                | 0.440 | 0.412  | 0.010   | -6.3501  | 25.0  |
| Pyridine-d5                   | 1.272 | 1.067  | 0.010   | -16.1063 | 40.0  |
| Phenol-d5                     | 1.631 | 1.412  | 0.010   | -13.3723 | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 0.988 | 0.792  | 0.050   | -19.8241 | 25.0  |
| 2-Chlorophenol-d4             | 1.343 | 1.244  | 0.200   | -7.4043  | 20.0  |
| 4-Methylphenol-d8             | 1.354 | 1.114  | 0.010   | -17.7578 | 20.0  |

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Instrument ID: BNA\_P Calibration Date/Time: 8/2/2024 12:03:42

Lab File ID: BP021307.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020721 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.155 | 0.145  | 0.050      | -6.5027  | 20.0  |
| 2-Nitrophenol-d4              | 0.178 | 0.164  | 0.050      | -8.0295  | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.322 | 0.296  | 0.060      | -7.9162  | 20.0  |
| 4-Chloroaniline-d4            | 0.426 | 0.397  | 0.010      | -6.8561  | 40.0  |
| Dimethylphthalate-d6          | 1.454 | 1.291  | 0.300      | -11.2071 | 20.0  |
| Acenaphthylene-d8             | 1.633 | 1.525  | 0.400      | -6.6039  | 20.0  |
| 4-Nitrophenol-d4              | 0.207 | 0.253  | 0.010      | 22.3117  | 40.0  |
| Fluorene-d10                  | 1.193 | 1.145  | 0.100      | -4.0255  | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.121 | 0.105  | 0.010      | -13.3796 | 40.0  |
| Anthracene-d10                | 0.888 | 0.861  | 0.300      | -3.092   | 20.0  |
| Pyrene-d10                    | 1.236 | 0.949  | 0.300      | -23.2339 | 25.0  |
| Benzo(a)pyrene-d12            | 0.986 | 0.922  | 0.010      | -6.4882  | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 7/31/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 7/31/2024 12:00:00 AM |
| Client Sample ID:  | SBLK406        | SDG No.:        | BP080124              |
| Lab Sample ID:     | PB162406BL     | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000 Units: mL | Final Vol:      | 1000 uL               |
| Soil Aliquot Vol:  | uL             | Test:           |                       |
| Extraction Type :  | Decanted :     | Level :         | LOW                   |
| Injection Volume : | GPC Factor :   | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021294.D        | 1         | 7/31/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162406      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.35  | U         | 0.35 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 1.1   | U         | 1.1  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.7   | U         | 1.7  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 0.91  | U         | 0.91 | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.9   | U         | 1.9  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.7   | U         | 1.7  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.9   | U         | 1.9  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.69  | U         | 0.69 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.94  | U         | 0.94 | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 0.94  | U         | 0.94 | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.6   | U         | 2.6  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 0.91  | U         | 0.91 | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/31/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/31/2024 12:00:00 AM |
| Client Sample ID:  | SBLK406                | SDG No.:        | BP080124              |
| Lab Sample ID:     | PB162406BL             | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021294.D        | 1         | 7/31/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162406      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 1.8   | U         | 1.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.94  | U         | 0.94 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 0.83  | U         | 0.83 | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 2.4   | U         | 2.4  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 0.95  | U         | 0.95 | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.8   | U         | 1.8  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 1.9   | U         | 1.9  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1.1   | U         | 1.1  | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.9   | U         | 1.9  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 1.9   | U         | 1.9  | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 7/31/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 7/31/2024 12:00:00 AM |
| Client Sample ID:  | SBLK406        | SDG No.:        | BP080124              |
| Lab Sample ID:     | PB162406BL     | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000 Units: mL | Final Vol:      | 1000 uL               |
| Soil Aliquot Vol:  | uL             | Test:           |                       |
| Extraction Type :  | Decanted :     | Level :         | LOW                   |
| Injection Volume : | GPC Factor :   | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021294.D        | 1         | 7/31/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162406      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.8    | U         | 1.8    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 2.7    | U         | 2.7    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 3      | U         | 3      | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 2.4    | U         | 2.4    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1.3    | U         | 1.3    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.807  |           | 15-120 |     | 60         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 22.474 |           | 20-120 |     | 56         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 24.022 |           | 10-130 |     | 60         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 22.217 |           | 25-120 |     | 56         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 25.668 |           | 20-130 |     | 64         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 24.303 |           | 25-125 |     | 61         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 27.023 |           | 20-125 |     | 68         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.963 |           | 20-130 |     | 70         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 26.152 |           | 20-120 |     | 65         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 26.664 |           | 1-146  |     | 67         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 27.327 |           | 25-130 |     | 68         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 27.089 |           | 10-130 |     | 68         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 27.334 |           | 10-150 |     | 68         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.658 |           | 25-125 |     | 72         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/31/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/31/2024 12:00:00 AM |
| Client Sample ID:  | SBLK406                | SDG No.:        | BP080124              |
| Lab Sample ID:     | PB162406BL             | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021294.D        | 1         | 7/31/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162406      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 21.918  |           | 10-130 |     | 55         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 28.21   |           | 25-130 |     | 71         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 24.161  |           | 15-130 |     | 60         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 28.347  |           | 20-130 |     | 71         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 169834  | 7.628     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 658656  | 10.393    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 434504  | 14.269    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 953798  | 17.092    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1002278 | 21.545    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1280375 | 24.851    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.1     | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/16/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/16/2024 12:00:00 AM |
| Client Sample ID:  | A4CM7        | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3264-19     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 28.5                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021295.D        | 1         | 7/18/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162151      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 9.2  | 93         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 63    | U         | 63  | 120  | 460        | ug/Kg |
| 110-86-1       | Pyridine                    | 46    | U         | 46  | 230  | 460        | ug/Kg |
| 108-95-2       | Phenol                      | 60    | U         | 60  | 120  | 460        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 56    | U         | 56  | 120  | 460        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 32    | U         | 32  | 59.4 | 240        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 55    | U         | 55  | 120  | 460        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 84    | U         | 84  | 120  | 460        | ug/Kg |
| 98-86-2        | Acetophenone                | 56    | U         | 56  | 120  | 460        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 52    | U         | 52  | 120  | 460        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 71    | U         | 71  | 59.4 | 240        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 25    | U         | 25  | 59.4 | 240        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 43    | U         | 43  | 59.4 | 240        | ug/Kg |
| 78-59-1        | Isophorone                  | 67    | U         | 67  | 59.4 | 240        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 43    | U         | 43  | 59.4 | 240        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 35    | U         | 35  | 59.4 | 240        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 60    | U         | 60  | 59.4 | 240        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 22    | U         | 22  | 59.4 | 240        | ug/Kg |
| 91-20-3        | Naphthalene                 | 35    | U         | 35  | 59.4 | 240        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 34    | U         | 34  | 59.4 | 460        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 62    | U         | 62  | 59.4 | 240        | ug/Kg |
| 105-60-2       | Caprolactam                 | 100   | U         | 100 | 120  | 460        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 69    | U         | 69  | 59.4 | 240        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 46    | U         | 46  | 59.4 | 240        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 32    | U         | 32  | 59.4 | 240        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 130   | U         | 130 | 120  | 460        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 69    | U         | 69  | 59.4 | 240        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 55    | U         | 55  | 59.4 | 240        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/16/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/16/2024 12:00:00 AM |
| Client Sample ID:  | A4CM7        | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3264-19     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 28.5                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021295.D        | 1         | 7/18/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162151      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 34    | U         | 34  | 59.4 | 240        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 36    | U         | 36  | 59.4 | 240        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 57    | U         | 57  | 59.4 | 240        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 41    | U         | 41  | 59.4 | 240        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 62    | U         | 62  | 59.4 | 240        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 45    | U         | 45  | 59.4 | 240        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 62    | U         | 62  | 120  | 460        | ug/Kg |
| 83-32-9    | Acenaphthene               | 41    | U         | 41  | 59.4 | 240        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 67    | U         | 67  | 120  | 460        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 62    | U         | 62  | 120  | 460        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 45    | U         | 45  | 59.4 | 240        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 60    | U         | 60  | 59.4 | 240        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 42    | U         | 42  | 59.4 | 240        | ug/Kg |
| 86-73-7    | Fluorene                   | 35    | U         | 35  | 59.4 | 240        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 28    | U         | 28  | 59.4 | 240        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 43    | U         | 43  | 120  | 460        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 110   | U         | 110 | 120  | 460        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 46    | U         | 46  | 59.4 | 240        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 34    | U         | 34  | 59.4 | 240        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 41    | U         | 41  | 59.4 | 240        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 45    | U         | 45  | 59.4 | 240        | ug/Kg |
| 1912-24-9  | Atrazine                   | 99    | U         | 99  | 120  | 460        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 100   | U         | 100 | 120  | 460        | ug/Kg |
| 85-01-8    | Phenanthrene               | 100   | J         | 41  | 59.4 | 240        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 73    | U         | 73  | 59.4 | 240        | ug/Kg |
| 120-12-7   | Anthracene                 | 35    | U         | 35  | 59.4 | 240        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 70    | U         | 70  | 59.4 | 240        | ug/Kg |
| 86-74-8    | Carbazole                  | 39    | U         | 39  | 120  | 460        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 85    | U         | 85  | 59.4 | 240        | ug/Kg |
| 206-44-0   | Fluoranthene               | 89    | J         | 76  | 120  | 240        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/16/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/16/2024 12:00:00 AM |
| Client Sample ID:  | A4CM7        | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3264-19     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 28.5                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021295.D        | 1         | 7/18/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162151      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 93     | J         | 69     | 59.4 | 240        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 120    | U         | 120    | 59.4 | 240        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 67     | U         | 67     | 120  | 460        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 50     | J         | 38     | 59.4 | 240        | ug/Kg    |
| 218-01-9          | Chrysene                    | 60     | J         | 43     | 59.4 | 240        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 130    | U         | 130    | 59.4 | 240        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 110    | U         | 110    | 120  | 460        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 59     | J         | 46     | 59.4 | 240        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 53     | U         | 53     | 59.4 | 240        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 48     | J         | 45     | 59.4 | 240        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 43     | U         | 43     | 59.4 | 240        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 39     | U         | 39     | 59.4 | 240        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 36     | U         | 36     | 59.4 | 240        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 46     | U         | 46     | 59.4 | 240        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.265  |           | 15-120 |      | 41         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 14.356 |           | 20-120 |      | 36         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 16.127 |           | 10-130 |      | 40         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 15.399 |           | 10-150 |      | 38         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 17.789 |           | 15-120 |      | 44         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 17.085 |           | 10-140 |      | 43         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 18.419 |           | 10-135 |      | 46         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 18.745 |           | 10-120 |      | 47         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 17.537 |           | 10-140 |      | 44         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 16.961 |           | 1-145  |      | 42         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 19.417 |           | 10-145 |      | 49         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 19.264 |           | 15-120 |      | 48         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 17.486 |           | 10-150 |      | 44         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 20.863 |           | 20-140 |      | 52         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/16/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/16/2024 12:00:00 AM |
| Client Sample ID:  | A4CM7        | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3264-19     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 28.5                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021295.D        | 1         | 7/18/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162151      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 13.097  |           | 10-130 |     | 33         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 20.138  |           | 10-150 |     | 50         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 17.02   |           | 10-130 |     | 43         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 21.076  |           | 10-140 |     | 53         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 136513  | 7.628     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 531210  | 10.393    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 351677  | 14.269    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 751339  | 17.086    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 828004  | 21.539    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1012467 | 24.827    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 180     | J         |        |     | 18.022     |          |
|                                       | (DEL) Alkane: Straight-Chain  | 21.180  | J         |        |     | 21.18      |          |
| E966796                               | Total Alkanes                 | 100     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                        |                 |                             |
|--------------------|------------------------|-----------------|-----------------------------|
| Client:            |                        | Date Collected: | 7/16/2024 12:00:00 AM       |
| Project:           |                        | Date Received:  | 7/16/2024 12:00:00 AM       |
| Client Sample ID:  | A4CN0MS                | SDG No.:        | BP080124                    |
| Lab Sample ID:     | P3264-25MS             | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 28.2                        |
| 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 |
| BP021296.D        | 1         | 7/18/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162151      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 270   |           | 15  | 9.2  | 93         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 850   |           | 63  | 110  | 460        | ug/Kg |
| 110-86-1       | Pyridine                    | 680   |           | 46  | 230  | 460        | ug/Kg |
| 108-95-2       | Phenol                      | 930   |           | 60  | 110  | 460        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 840   |           | 56  | 110  | 460        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 930   |           | 32  | 59.1 | 240        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 910   |           | 54  | 110  | 460        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 730   |           | 83  | 110  | 460        | ug/Kg |
| 98-86-2        | Acetophenone                | 950   |           | 56  | 110  | 460        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 930   |           | 51  | 110  | 460        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 870   |           | 71  | 59.1 | 240        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 840   |           | 25  | 59.1 | 240        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 980   |           | 43  | 59.1 | 240        | ug/Kg |
| 78-59-1        | Isophorone                  | 980   |           | 67  | 59.1 | 240        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1100  |           | 43  | 59.1 | 240        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 720   |           | 35  | 59.1 | 240        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 940   |           | 60  | 59.1 | 240        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1100  |           | 22  | 59.1 | 240        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1100  |           | 35  | 59.1 | 240        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 860   |           | 33  | 59.1 | 460        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1100  |           | 61  | 59.1 | 240        | ug/Kg |
| 105-60-2       | Caprolactam                 | 1200  |           | 100 | 110  | 460        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1200  |           | 68  | 59.1 | 240        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 1100  |           | 46  | 59.1 | 240        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1100  |           | 32  | 59.1 | 240        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 270   | J         | 130 | 110  | 460        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1200  |           | 68  | 59.1 | 240        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1200  |           | 54  | 59.1 | 240        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                             |
|--------------------|------------------------|-----------------|-----------------------------|
| Client:            |                        | Date Collected: | 7/16/2024 12:00:00 AM       |
| Project:           |                        | Date Received:  | 7/16/2024 12:00:00 AM       |
| Client Sample ID:  | A4CN0MS                | SDG No.:        | BP080124                    |
| Lab Sample ID:     | P3264-25MS             | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 28.2                        |
| 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 |
| BP021296.D        | 1         | 7/18/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162151      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1100  |           | 33  | 59.1 | 240        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 1100  |           | 36  | 59.1 | 240        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 1200  |           | 57  | 59.1 | 240        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 1200  |           | 40  | 59.1 | 240        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 1200  |           | 61  | 59.1 | 240        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1100  |           | 44  | 59.1 | 240        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 1300  |           | 61  | 110  | 460        | ug/Kg |
| 83-32-9    | Acenaphthene               | 1200  |           | 40  | 59.1 | 240        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 1100  |           | 67  | 110  | 460        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 1400  |           | 61  | 110  | 460        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 1200  |           | 44  | 59.1 | 240        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 1300  |           | 60  | 59.1 | 240        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 1100  |           | 42  | 59.1 | 240        | ug/Kg |
| 86-73-7    | Fluorene                   | 1200  |           | 35  | 59.1 | 240        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1200  |           | 28  | 59.1 | 240        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 1600  |           | 43  | 110  | 460        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1200  |           | 110 | 110  | 460        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1200  |           | 46  | 59.1 | 240        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1200  |           | 33  | 59.1 | 240        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1200  |           | 40  | 59.1 | 240        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1300  |           | 44  | 59.1 | 240        | ug/Kg |
| 1912-24-9  | Atrazine                   | 870   |           | 99  | 110  | 460        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 1200  |           | 100 | 110  | 460        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1300  |           | 40  | 59.1 | 240        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 1200  |           | 72  | 59.1 | 240        | ug/Kg |
| 120-12-7   | Anthracene                 | 1200  |           | 35  | 59.1 | 240        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1100  |           | 70  | 59.1 | 240        | ug/Kg |
| 86-74-8    | Carbazole                  | 1400  |           | 39  | 110  | 460        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1100  |           | 85  | 59.1 | 240        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1000  |           | 75  | 110  | 240        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                             |
|--------------------|------------------------|-----------------|-----------------------------|
| Client:            |                        | Date Collected: | 7/16/2024 12:00:00 AM       |
| Project:           |                        | Date Received:  | 7/16/2024 12:00:00 AM       |
| Client Sample ID:  | A4CN0MS                | SDG No.:        | BP080124                    |
| Lab Sample ID:     | P3264-25MS             | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 28.2                        |
| 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 |
| BP021296.D        | 1         | 7/18/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162151      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1100   |           | 68     | 59.1 | 240        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 940    |           | 120    | 59.1 | 240        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1100   |           | 67     | 110  | 460        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1200   |           | 38     | 59.1 | 240        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1300   |           | 43     | 59.1 | 240        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 900    |           | 130    | 59.1 | 240        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 920    |           | 110    | 110  | 460        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1200   |           | 46     | 59.1 | 240        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1200   |           | 53     | 59.1 | 240        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1100   |           | 44     | 59.1 | 240        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1300   |           | 43     | 59.1 | 240        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1300   |           | 39     | 59.1 | 240        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1300   |           | 36     | 59.1 | 240        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1300   |           | 46     | 59.1 | 240        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.156  |           | 15-120 |      | 39         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 16.013 |           | 20-120 |      | 40         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 19.815 |           | 10-130 |      | 50         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 18.241 |           | 10-150 |      | 46         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 20.822 |           | 15-120 |      | 52         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 19.582 |           | 10-140 |      | 49         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 24.153 |           | 10-135 |      | 60         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 24.744 |           | 10-120 |      | 62         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 24.895 |           | 10-140 |      | 62         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 22.843 |           | 1-145  |      | 57         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.674 |           | 10-145 |      | 67         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 26.556 |           | 15-120 |      | 66         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 32.387 |           | 10-150 |      | 81         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.055 |           | 20-140 |      | 70         | SPK: -40 |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 7/16/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 7/16/2024 12:00:00 AM |
| Client Sample ID:  | A4CN0MS             | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3264-25MS          | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC           | % Moisture:     | 28.2                  |
| 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 |
| BP021296.D        | 1         | 7/18/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162151      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 27.182 |           | 10-130 |     | 68         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 27.365 |           | 10-150 |     | 68         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 23.655 |           | 10-130 |     | 59         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 29.123 |           | 10-140 |     | 73         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 129095 | 7.622     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 485624 | 10.393    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 314703 | 14.275    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 682487 | 17.092    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 766679 | 21.527    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 970426 | 24.815    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 33     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                        |                 |                             |
|--------------------|------------------------|-----------------|-----------------------------|
| Client:            |                        | Date Collected: | 7/16/2024 12:00:00 AM       |
| Project:           |                        | Date Received:  | 7/16/2024 12:00:00 AM       |
| Client Sample ID:  | A4CN0MSD               | SDG No.:        | BP080124                    |
| Lab Sample ID:     | P3264-26MSD            | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 28.2                        |
| Sample Wt/Vol:     | 30.03      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                     | Test:           |                             |
| Extraction Type :  | Decanted :             | Level :         | LOW                         |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                        |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021297.D        | 1         | 7/18/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162151      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 300   |           | 15  | 9.2  | 93         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 970   |           | 63  | 110  | 460        | ug/Kg |
| 110-86-1       | Pyridine                    | 720   |           | 46  | 230  | 460        | ug/Kg |
| 108-95-2       | Phenol                      | 1000  |           | 60  | 110  | 460        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 920   |           | 56  | 110  | 460        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1000  |           | 32  | 59.1 | 240        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1000  |           | 54  | 110  | 460        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 800   |           | 83  | 110  | 460        | ug/Kg |
| 98-86-2        | Acetophenone                | 1000  |           | 56  | 110  | 460        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 1000  |           | 51  | 110  | 460        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 940   |           | 71  | 59.1 | 240        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 920   |           | 25  | 59.1 | 240        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1100  |           | 43  | 59.1 | 240        | ug/Kg |
| 78-59-1        | Isophorone                  | 1100  |           | 67  | 59.1 | 240        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1200  |           | 43  | 59.1 | 240        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 750   |           | 35  | 59.1 | 240        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1000  |           | 60  | 59.1 | 240        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1200  |           | 22  | 59.1 | 240        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1200  |           | 35  | 59.1 | 240        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 920   |           | 33  | 59.1 | 460        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1200  |           | 61  | 59.1 | 240        | ug/Kg |
| 105-60-2       | Caprolactam                 | 1400  |           | 100 | 110  | 460        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1200  |           | 68  | 59.1 | 240        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 1200  |           | 46  | 59.1 | 240        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1200  |           | 32  | 59.1 | 240        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 340   | J         | 130 | 110  | 460        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1300  |           | 68  | 59.1 | 240        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1300  |           | 54  | 59.1 | 240        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                             |
|--------------------|------------------------|-----------------|-----------------------------|
| Client:            |                        | Date Collected: | 7/16/2024 12:00:00 AM       |
| Project:           |                        | Date Received:  | 7/16/2024 12:00:00 AM       |
| Client Sample ID:  | A4CN0MSD               | SDG No.:        | BP080124                    |
| Lab Sample ID:     | P3264-26MSD            | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 28.2                        |
| Sample Wt/Vol:     | 30.03      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                     | Test:           |                             |
| Extraction Type :  | Decanted :             | Level :         | LOW                         |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                        |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021297.D        | 1         | 7/18/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162151      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1200  |           | 33  | 59.1 | 240        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 1200  |           | 36  | 59.1 | 240        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 1200  |           | 57  | 59.1 | 240        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 1200  |           | 40  | 59.1 | 240        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 1300  |           | 61  | 59.1 | 240        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1200  |           | 45  | 59.1 | 240        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 1400  |           | 61  | 110  | 460        | ug/Kg |
| 83-32-9    | Acenaphthene               | 1200  |           | 40  | 59.1 | 240        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 1200  |           | 67  | 110  | 460        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 1400  |           | 61  | 110  | 460        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 1300  |           | 45  | 59.1 | 240        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 1400  |           | 60  | 59.1 | 240        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 1200  |           | 42  | 59.1 | 240        | ug/Kg |
| 86-73-7    | Fluorene                   | 1300  |           | 35  | 59.1 | 240        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1300  |           | 28  | 59.1 | 240        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 1700  |           | 43  | 110  | 460        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1400  |           | 110 | 110  | 460        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1200  |           | 46  | 59.1 | 240        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1300  |           | 33  | 59.1 | 240        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1300  |           | 40  | 59.1 | 240        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1400  |           | 45  | 59.1 | 240        | ug/Kg |
| 1912-24-9  | Atrazine                   | 930   |           | 99  | 110  | 460        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 1200  |           | 100 | 110  | 460        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1400  |           | 40  | 59.1 | 240        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 1300  |           | 72  | 59.1 | 240        | ug/Kg |
| 120-12-7   | Anthracene                 | 1300  |           | 35  | 59.1 | 240        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1200  |           | 70  | 59.1 | 240        | ug/Kg |
| 86-74-8    | Carbazole                  | 1500  |           | 39  | 110  | 460        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1200  |           | 85  | 59.1 | 240        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1100  |           | 75  | 110  | 240        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                             |
|--------------------|------------------------|-----------------|-----------------------------|
| Client:            |                        | Date Collected: | 7/16/2024 12:00:00 AM       |
| Project:           |                        | Date Received:  | 7/16/2024 12:00:00 AM       |
| Client Sample ID:  | A4CN0MSD               | SDG No.:        | BP080124                    |
| Lab Sample ID:     | P3264-26MSD            | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 28.2                        |
| Sample Wt/Vol:     | 30.03      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                     | Test:           |                             |
| Extraction Type :  | Decanted :             | Level :         | LOW                         |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                        |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021297.D        | 1         | 7/18/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162151      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1100   |           | 68     | 59.1 | 240        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1000   |           | 120    | 59.1 | 240        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1200   |           | 67     | 110  | 460        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1300   |           | 38     | 59.1 | 240        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1300   |           | 43     | 59.1 | 240        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 990    |           | 130    | 59.1 | 240        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1000   |           | 110    | 110  | 460        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1300   |           | 46     | 59.1 | 240        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1300   |           | 53     | 59.1 | 240        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1200   |           | 45     | 59.1 | 240        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1400   |           | 43     | 59.1 | 240        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1400   |           | 39     | 59.1 | 240        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1400   |           | 36     | 59.1 | 240        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1300   |           | 46     | 59.1 | 240        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.315  |           | 15-120 |      | 41         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 17.574 |           | 20-120 |      | 44         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 21.912 |           | 10-130 |      | 55         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 20.074 |           | 10-150 |      | 50         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 22.906 |           | 15-120 |      | 57         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 21.619 |           | 10-140 |      | 54         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 25.921 |           | 10-135 |      | 65         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 26.86  |           | 10-120 |      | 67         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 27.518 |           | 10-140 |      | 69         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 25.049 |           | 1-145  |      | 63         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 27.968 |           | 10-145 |      | 70         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.698 |           | 15-120 |      | 72         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 37.341 |           | 10-150 |      | 93         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 30.258 |           | 20-140 |      | 76         | SPK: -40 |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 7/16/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 7/16/2024 12:00:00 AM |
| Client Sample ID:  | A4CN0MSD            | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3264-26MSD         | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC           | % Moisture:     | 28.2                  |
| Sample Wt/Vol:     | 30.03      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                  | Test:           |                       |
| Extraction Type :  | Decanted :          | Level :         | LOW                   |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021297.D        | 1         | 7/18/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162151      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 29.936  |           | 10-130 |     | 75         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 29.846  |           | 10-150 |     | 75         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 25.451  |           | 10-130 |     | 64         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 31.192  |           | 10-140 |     | 78         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 154476  | 7.622     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 589010  | 10.386    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 386640  | 14.269    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 815046  | 17.086    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 898380  | 21.527    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1121139 | 24.821    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 33      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/18/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/18/2024 12:00:00 AM |
| Client Sample ID:  | SLCS151      | SDG No.:        | BP080124              |
| Lab Sample ID:     | PB162151BS   | 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 |
| BP021298.D        | 1         | 7/18/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162151      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 320   |           | 11  | 6.6  | 67         | ug/Kg |
| 110-86-1       | Pyridine                    | 740   |           | 33  | 170  | 330        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 910   |           | 45  | 82.5 | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 800   |           | 43  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 720   |           | 40  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 840   |           | 23  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 770   |           | 39  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 610   |           | 60  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 760   |           | 40  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 760   |           | 37  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 670   |           | 51  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 800   |           | 18  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 830   |           | 31  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 750   |           | 48  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 910   |           | 31  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 630   |           | 25  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 750   |           | 43  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 910   |           | 16  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 870   |           | 25  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 780   |           | 24  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 930   |           | 44  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 930   |           | 72  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 860   |           | 49  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 830   |           | 33  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 860   |           | 23  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 310   | J         | 95  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 880   |           | 49  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 910   |           | 39  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/18/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/18/2024 12:00:00 AM |
| Client Sample ID:  | SLCS151      | SDG No.:        | BP080124              |
| Lab Sample ID:     | PB162151BS   | 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 |
| BP021298.D        | 1         | 7/18/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162151      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 890   |           | 24  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 900   |           | 26  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 900   |           | 41  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 890   |           | 29  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 950   |           | 44  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 870   |           | 32  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 1000  |           | 44  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 890   |           | 29  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 920   |           | 48  | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 1200  |           | 44  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 930   |           | 32  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 1000  |           | 43  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 870   |           | 30  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 940   |           | 25  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 930   |           | 20  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 1400  |           | 31  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 940   |           | 77  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 870   |           | 33  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 970   |           | 24  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 890   |           | 29  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 960   |           | 32  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 410   |           | 71  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 810   |           | 74  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 930   |           | 29  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 900   |           | 52  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 890   |           | 25  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 880   |           | 50  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 1000  |           | 28  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 860   |           | 61  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 730   |           | 54  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/18/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/18/2024 12:00:00 AM |
| Client Sample ID:  | SLCS151      | SDG No.:        | BP080124              |
| Lab Sample ID:     | PB162151BS   | 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 |
| BP021298.D        | 1         | 7/18/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162151      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 750    |           | 49     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 710    |           | 84     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1000   |           | 48     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 910    |           | 27     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 940    |           | 31     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 700    |           | 96     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 690    |           | 76     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 920    |           | 33     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 920    |           | 38     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 860    |           | 32     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 970    |           | 31     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 960    |           | 28     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 930    |           | 26     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 890    |           | 33     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.261  |           | 15-120 |      | 66         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 23.425 |           | 20-120 |      | 59         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 24.079 |           | 10-130 |      | 60         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 21.788 |           | 10-150 |      | 54         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 25.73  |           | 15-120 |      | 64         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 22.822 |           | 10-140 |      | 57         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 27.747 |           | 10-135 |      | 69         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 28.299 |           | 10-120 |      | 71         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.174 |           | 10-140 |      | 70         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 25.439 |           | 1-145  |      | 64         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 27.907 |           | 10-145 |      | 70         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.268 |           | 15-120 |      | 71         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 41.715 |           | 10-150 |      | 104        | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 29.317 |           | 20-140 |      | 73         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/18/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/18/2024 12:00:00 AM |
| Client Sample ID:  | SLCS151      | SDG No.:        | BP080124              |
| Lab Sample ID:     | PB162151BS   | 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 |
| BP021298.D        | 1         | 7/18/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162151      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 29.753  |           | 10-130 |     | 74         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 28.747  |           | 10-150 |     | 72         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 23.774  |           | 10-130 |     | 59         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 29.592  |           | 10-140 |     | 74         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 144394  | 7.628     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 530914  | 10.381    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 333965  | 14.263    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 733858  | 17.08     |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 871967  | 21.521    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1110828 | 24.815    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 24      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | E08K6                  | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3398-04               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021299.D        | 1         | 7/31/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162406      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.35  | U         | 0.35 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 1.1   | U         | 1.1  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.7   | U         | 1.7  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 0.91  | U         | 0.91 | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.9   | U         | 1.9  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.7   | U         | 1.7  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.9   | U         | 1.9  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.69  | U         | 0.69 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.94  | U         | 0.94 | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 0.94  | U         | 0.94 | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.6   | U         | 2.6  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 0.91  | U         | 0.91 | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | E08K6                  | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3398-04               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021299.D        | 1         | 7/31/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162406      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 1.8   | U         | 1.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.94  | U         | 0.94 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 0.83  | U         | 0.83 | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 2.4   | U         | 2.4  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 0.95  | U         | 0.95 | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.8   | U         | 1.8  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 1.9   | U         | 1.9  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1.1   | U         | 1.1  | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.9   | U         | 1.9  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 1.9   | U         | 1.9  | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | E08K6                  | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3398-04               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021299.D        | 1         | 7/31/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162406      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.8    | U         | 1.8    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 2.7    | U         | 2.7    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 3      | U         | 3      | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 2.4    | U         | 2.4    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1.3    | U         | 1.3    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.804  |           | 15-120 |     | 48         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 1.991  | *         | 20-120 |     | 5          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 5.869  |           | 10-130 |     | 15         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 24.107 |           | 25-120 |     | 60         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.365 |           | 20-130 |     | 61         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 15.259 |           | 25-125 |     | 38         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 29.461 |           | 20-125 |     | 74         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 30.18  |           | 20-130 |     | 75         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 27.238 |           | 20-120 |     | 68         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 12.173 |           | 1-146  |     | 30         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 30.209 |           | 25-130 |     | 76         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 30.607 |           | 10-130 |     | 77         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.417  |           | 10-150 |     | 16         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 32.352 |           | 25-125 |     | 81         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | E08K6                  | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3398-04               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021299.D        | 1         | 7/31/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162406      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 26.993  |           | 10-130 |     | 67         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 33.97   |           | 25-130 |     | 85         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 28.069  |           | 15-130 |     | 70         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 35.969  |           | 20-130 |     | 90         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 158677  | 7.628     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 602545  | 10.393    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 384548  | 14.269    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 838489  | 17.086    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 937501  | 21.527    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1181624 | 24.815    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 2       | J         |        |     | 18.01      |          |
| E966796                               | Total Alkanes                 | 1.1     | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | E08K8                 | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3398-06              | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021300.D        | 1         | 7/31/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162406      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.35  | U         | 0.35 | 0.51 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 1.1   | U         | 1.1  | 5.1  | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.7   | U         | 1.7  | 10.1 | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.6   | U         | 1.6  | 5.1  | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.4   | U         | 1.4  | 5.1  | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 0.92  | U         | 0.92 | 2.5  | 5.1        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.5   | U         | 1.5  | 5.1  | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.9   | U         | 1.9  | 5.1  | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 1.5   | U         | 1.5  | 5.1  | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.7   | U         | 1.7  | 5.1  | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.9   | U         | 1.9  | 2.5  | 5.1        | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.1   | U         | 1.1  | 2.5  | 5.1        | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.4   | U         | 1.4  | 2.5  | 5.1        | ug/L  |
| 78-59-1        | Isophorone                  | 1.7   | U         | 1.7  | 2.5  | 5.1        | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5  | 5.1        | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.7   | U         | 0.7  | 2.5  | 5.1        | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.5   | U         | 1.5  | 2.5  | 5.1        | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.1   | U         | 1.1  | 2.5  | 5.1        | ug/L  |
| 91-20-3        | Naphthalene                 | 0.95  | U         | 0.95 | 2.5  | 5.1        | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 0.95  | U         | 0.95 | 2.5  | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.5   | U         | 1.5  | 2.5  | 5.1        | ug/L  |
| 105-60-2       | Caprolactam                 | 2.6   | U         | 2.6  | 5.1  | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.6   | U         | 1.6  | 2.5  | 5.1        | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 0.92  | U         | 0.92 | 2.5  | 5.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.1   | U         | 1.1  | 2.5  | 5.1        | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5.1  | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 2     | U         | 2    | 2.5  | 5.1        | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.6   | U         | 1.6  | 2.5  | 5.1        | ug/L  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | E08K8      | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3398-06   | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990        | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 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 |
| BP021300.D        | 1         | 7/31/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162406      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1.1   | U         | 1.1  | 2.5 | 5.1        | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5.1        | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.8   | U         | 1.8  | 2.5 | 5.1        | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.1   | U         | 1.1  | 2.5 | 5.1        | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.7   | U         | 1.7  | 2.5 | 5.1        | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.2   | U         | 1.2  | 2.5 | 5.1        | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.6   | U         | 1.6  | 5.1 | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 0.97  | U         | 0.97 | 2.5 | 5.1        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 1.8   | U         | 1.8  | 5.1 | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5.1 | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.1   | U         | 1.1  | 2.5 | 5.1        | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1.5   | U         | 1.5  | 2.5 | 5.1        | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.3   | U         | 1.3  | 2.5 | 5.1        | ug/L  |
| 86-73-7    | Fluorene                   | 0.95  | U         | 0.95 | 2.5 | 5.1        | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.1   | U         | 1.1  | 2.5 | 5.1        | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 0.84  | U         | 0.84 | 5.1 | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 2.4   | U         | 2.4  | 5.1 | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.3   | U         | 1.3  | 2.5 | 5.1        | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.4   | U         | 1.4  | 2.5 | 5.1        | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 0.96  | U         | 0.96 | 2.5 | 5.1        | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.2   | U         | 1.2  | 2.5 | 5.1        | ug/L  |
| 1912-24-9  | Atrazine                   | 1.8   | U         | 1.8  | 5.1 | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 1.9   | U         | 1.9  | 5.1 | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.2   | U         | 1.2  | 2.5 | 5.1        | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.7   | U         | 1.7  | 2.5 | 5.1        | ug/L  |
| 120-12-7   | Anthracene                 | 1.1   | U         | 1.1  | 2.5 | 5.1        | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1.7   | U         | 1.7  | 2.5 | 5.1        | ug/L  |
| 86-74-8    | Carbazole                  | 1.1   | U         | 1.1  | 5.1 | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.9   | U         | 1.9  | 2.5 | 5.1        | ug/L  |
| 206-44-0   | Fluoranthene               | 1.9   | U         | 1.9  | 5.1 | 5.1        | ug/L  |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | E08K8                 | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3398-06              | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021300.D        | 1         | 7/31/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162406      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.8    | U         | 1.8    | 2.5 | 5.1        | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 2.7    | U         | 2.7    | 2.5 | 5.1        | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5.1 | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.1    | U         | 1.1    | 2.5 | 5.1        | ug/L     |
| 218-01-9          | Chrysene                    | 1.1    | U         | 1.1    | 2.5 | 5.1        | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 3      | U         | 3      | 2.5 | 5.1        | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 2.4    | U         | 2.4    | 5.1 | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.4    | U         | 1.4    | 2.5 | 5.1        | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.4    | U         | 1.4    | 2.5 | 5.1        | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 2.5 | 5.1        | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.4    | U         | 1.4    | 2.5 | 5.1        | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1.3    | U         | 1.3    | 2.5 | 5.1        | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.2    | U         | 1.2    | 2.5 | 5.1        | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.5    | U         | 1.5    | 2.5 | 5.1        | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.396  |           | 15-120 |     | 42         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 4.501  | *         | 20-120 |     | 11         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 5      |           | 10-130 |     | 13         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 22.372 |           | 25-120 |     | 56         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 21.974 |           | 20-130 |     | 55         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 12.937 |           | 25-125 |     | 32         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 27.267 |           | 20-125 |     | 68         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27     |           | 20-130 |     | 68         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 24.668 |           | 20-120 |     | 62         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 18.619 |           | 1-146  |     | 47         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.75  |           | 25-130 |     | 67         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 27.028 |           | 10-130 |     | 68         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 5.199  |           | 10-150 |     | 13         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.123 |           | 25-125 |     | 70         | SPK: -40 |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | E08K8                 | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3398-06              | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021300.D        | 1         | 7/31/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162406      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 23.745  |           | 10-130 |     | 59         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 29.449  |           | 25-130 |     | 74         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 23.575  |           | 15-130 |     | 59         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 30.518  |           | 20-130 |     | 76         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 186473  | 7.622     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 705803  | 10.393    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 436037  | 14.263    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 924930  | 17.086    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1052830 | 21.533    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1425757 | 24.821    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.1     | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E08L2                  | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3398-08               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021301.D        | 1         | 7/31/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162406      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.35  | U         | 0.35 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 1.1   | U         | 1.1  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.7   | U         | 1.7  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 0.91  | U         | 0.91 | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.9   | U         | 1.9  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.7   | U         | 1.7  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.9   | U         | 1.9  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.69  | U         | 0.69 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.94  | U         | 0.94 | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 0.94  | U         | 0.94 | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.6   | U         | 2.6  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 0.91  | U         | 0.91 | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E08L2                  | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3398-08               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021301.D        | 1         | 7/31/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162406      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 1.8   | U         | 1.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.94  | U         | 0.94 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 0.83  | U         | 0.83 | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 2.4   | U         | 2.4  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 0.95  | U         | 0.95 | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.8   | U         | 1.8  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 1.9   | U         | 1.9  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1.1   | U         | 1.1  | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.9   | U         | 1.9  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 1.9   | U         | 1.9  | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E08L2                  | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3398-08               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021301.D        | 1         | 7/31/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162406      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.8    | U         | 1.8    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 2.7    | U         | 2.7    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 3      | U         | 3      | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 2.4    | U         | 2.4    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1.3    | U         | 1.3    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.408  |           | 15-120 |     | 43         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 2.245  | *         | 20-120 |     | 6          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 5.128  |           | 10-130 |     | 13         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 22.209 |           | 25-120 |     | 56         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 21.85  |           | 20-130 |     | 55         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 13.128 |           | 25-125 |     | 33         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 25.607 |           | 20-125 |     | 64         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.085 |           | 20-130 |     | 68         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 24.584 |           | 20-120 |     | 61         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 10.887 |           | 1-146  |     | 27         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.072 |           | 25-130 |     | 65         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 25.666 |           | 10-130 |     | 64         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 5.485  |           | 10-150 |     | 14         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 27.802 |           | 25-125 |     | 70         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E08L2                  | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3398-08               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021301.D        | 1         | 7/31/2024 12:00:00 AM | 8/1/2024 12:00:00 AM | PB162406      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 21.647  |           | 10-130 |     | 54         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 28.18   |           | 25-130 |     | 70         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 23.557  |           | 15-130 |     | 59         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 29.517  |           | 20-130 |     | 74         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 166966  | 7.622     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 653550  | 10.393    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 432799  | 14.269    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 942299  | 17.092    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1090219 | 21.539    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1429068 | 24.833    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.1     | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E08L5                  | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3398-10               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021302.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162406      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.35  | U         | 0.35 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 1.1   | U         | 1.1  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.7   | U         | 1.7  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 0.91  | U         | 0.91 | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.9   | U         | 1.9  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.7   | U         | 1.7  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.9   | U         | 1.9  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.69  | U         | 0.69 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.94  | U         | 0.94 | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 0.94  | U         | 0.94 | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.6   | U         | 2.6  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 0.91  | U         | 0.91 | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E08L5                  | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3398-10               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021302.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162406      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 1.8   | U         | 1.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.94  | U         | 0.94 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 0.83  | U         | 0.83 | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 2.4   | U         | 2.4  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 0.95  | U         | 0.95 | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.8   | U         | 1.8  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 1.9   | U         | 1.9  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1.1   | U         | 1.1  | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.9   | U         | 1.9  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 1.9   | U         | 1.9  | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E08L5                  | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3398-10               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021302.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162406      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.8    | U         | 1.8    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 2.7    | U         | 2.7    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 3      | U         | 3      | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 2.4    | U         | 2.4    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1.3    | U         | 1.3    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.787  |           | 15-120 |     | 47         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 2.538  | *         | 20-120 |     | 6          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 5.109  |           | 10-130 |     | 13         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 22.805 |           | 25-120 |     | 57         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 22.661 |           | 20-130 |     | 57         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 13.293 |           | 25-125 |     | 33         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 26.794 |           | 20-125 |     | 67         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 26.702 |           | 20-130 |     | 67         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 25.475 |           | 20-120 |     | 64         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 14.162 |           | 1-146  |     | 35         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 27.142 |           | 25-130 |     | 68         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 27.577 |           | 10-130 |     | 69         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 5.001  |           | 10-150 |     | 13         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.591 |           | 25-125 |     | 71         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E08L5                  | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3398-10               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021302.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162406      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 23.028  |           | 10-130 |     | 58         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 29.913  |           | 25-130 |     | 75         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 23.889  |           | 15-130 |     | 60         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 30.434  |           | 20-130 |     | 76         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 176996  | 7.622     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 669573  | 10.393    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 409939  | 14.263    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 870017  | 17.087    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1033091 | 21.539    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1352790 | 24.827    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.1     | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/27/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/27/2024 12:00:00 AM |
| Client Sample ID:  | E08K3                  | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3398-01               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021303.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162406      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.35  | U         | 0.35 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 1.1   | U         | 1.1  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.7   | U         | 1.7  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 0.91  | U         | 0.91 | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.9   | U         | 1.9  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.7   | U         | 1.7  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.9   | U         | 1.9  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.69  | U         | 0.69 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.94  | U         | 0.94 | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 0.94  | U         | 0.94 | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.6   | U         | 2.6  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 0.91  | U         | 0.91 | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/27/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/27/2024 12:00:00 AM |
| Client Sample ID:  | E08K3                  | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3398-01               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021303.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162406      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 1.8   | U         | 1.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.94  | U         | 0.94 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 0.83  | U         | 0.83 | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 2.4   | U         | 2.4  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 0.95  | U         | 0.95 | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.8   | U         | 1.8  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 1.9   | U         | 1.9  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1.1   | U         | 1.1  | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.9   | U         | 1.9  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 1.9   | U         | 1.9  | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/27/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/27/2024 12:00:00 AM |
| Client Sample ID:  | E08K3                  | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3398-01               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021303.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162406      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.8    | U         | 1.8    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 2.7    | U         | 2.7    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 3      | U         | 3      | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 2.4    | U         | 2.4    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1.3    | U         | 1.3    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.396  |           | 15-120 |     | 55         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 7.027  | *         | 20-120 |     | 18         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 6.545  |           | 10-130 |     | 16         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 22.374 |           | 25-120 |     | 56         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 23.284 |           | 20-130 |     | 58         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 15.174 |           | 25-125 |     | 38         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 27.288 |           | 20-125 |     | 68         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.635 |           | 20-130 |     | 69         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 25.39  |           | 20-120 |     | 63         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 22.867 |           | 1-146  |     | 57         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.286 |           | 25-130 |     | 66         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 26.957 |           | 10-130 |     | 67         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 5.997  |           | 10-150 |     | 15         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.935 |           | 25-125 |     | 72         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/27/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/27/2024 12:00:00 AM |
| Client Sample ID:  | E08K3                  | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3398-01               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021303.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162406      |

| CAS Number                            | Parameter                       | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|---------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2   | 23.364  |           | 10-130 |     | 58         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                  | 30.31   |           | 25-130 |     | 76         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                      | 25.455  |           | 15-130 |     | 64         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12              | 31.46   |           | 20-130 |     | 79         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                 |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4          | 188536  | 7.622     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                  | 719226  | 10.387    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                | 455105  | 14.263    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                | 923940  | 17.092    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                    | 975969  | 21.545    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                    | 1318775 | 24.845    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                 |         |           |        |     |            |          |
| 000080-46-6                           | Phenol, 4-(1,1-dimethylpropyl)- | 2.3     | J         |        |     | 13.11      |          |
| E966796                               | Total Alkanes                   | 1.1     | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | BHCL1                 | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3397-02              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 4.4                   |
| 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 |
| BP021304.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162408      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 11    | U         | 11  | 6.9  | 70         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 47    | U         | 47  | 86   | 340        | ug/Kg |
| 110-86-1       | Pyridine                    | 34    | U         | 34  | 170  | 340        | ug/Kg |
| 108-95-2       | Phenol                      | 45    | U         | 45  | 86   | 340        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 42    | U         | 42  | 86   | 340        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 24    | U         | 24  | 44.3 | 180        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 41    | U         | 41  | 86   | 340        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 63    | U         | 63  | 86   | 340        | ug/Kg |
| 98-86-2        | Acetophenone                | 42    | U         | 42  | 86   | 340        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 39    | U         | 39  | 86   | 340        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 53    | U         | 53  | 44.3 | 180        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 19    | U         | 19  | 44.3 | 180        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 32    | U         | 32  | 44.3 | 180        | ug/Kg |
| 78-59-1        | Isophorone                  | 50    | U         | 50  | 44.3 | 180        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 32    | U         | 32  | 44.3 | 180        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 26    | U         | 26  | 44.3 | 180        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 45    | U         | 45  | 44.3 | 180        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 17    | U         | 17  | 44.3 | 180        | ug/Kg |
| 91-20-3        | Naphthalene                 | 26    | U         | 26  | 44.3 | 180        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 25    | U         | 25  | 44.3 | 340        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 46    | U         | 46  | 44.3 | 180        | ug/Kg |
| 105-60-2       | Caprolactam                 | 75    | U         | 75  | 86   | 340        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 51    | U         | 51  | 44.3 | 180        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 34    | U         | 34  | 44.3 | 180        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 24    | U         | 24  | 44.3 | 180        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 99    | U         | 99  | 86   | 340        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 51    | U         | 51  | 44.3 | 180        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 41    | U         | 41  | 44.3 | 180        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | BHCL1                 | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3397-02              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 4.4                   |
| 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 |
| BP021304.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162408      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 25    | U         | 25  | 44.3 | 180        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 27    | U         | 27  | 44.3 | 180        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 43    | U         | 43  | 44.3 | 180        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 30    | U         | 30  | 44.3 | 180        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 46    | U         | 46  | 44.3 | 180        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 33    | U         | 33  | 44.3 | 180        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 46    | U         | 46  | 86   | 340        | ug/Kg |
| 83-32-9    | Acenaphthene               | 30    | U         | 30  | 44.3 | 180        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 50    | U         | 50  | 86   | 340        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 46    | U         | 46  | 86   | 340        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 33    | U         | 33  | 44.3 | 180        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 45    | U         | 45  | 44.3 | 180        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 31    | U         | 31  | 44.3 | 180        | ug/Kg |
| 86-73-7    | Fluorene                   | 26    | U         | 26  | 44.3 | 180        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 21    | U         | 21  | 44.3 | 180        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 32    | U         | 32  | 86   | 340        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 80    | U         | 80  | 86   | 340        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 34    | U         | 34  | 44.3 | 180        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 25    | U         | 25  | 44.3 | 180        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 30    | U         | 30  | 44.3 | 180        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 33    | U         | 33  | 44.3 | 180        | ug/Kg |
| 1912-24-9  | Atrazine                   | 74    | U         | 74  | 86   | 340        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 77    | U         | 77  | 86   | 340        | ug/Kg |
| 85-01-8    | Phenanthrene               | 30    | U         | 30  | 44.3 | 180        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 54    | U         | 54  | 44.3 | 180        | ug/Kg |
| 120-12-7   | Anthracene                 | 26    | U         | 26  | 44.3 | 180        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 52    | U         | 52  | 44.3 | 180        | ug/Kg |
| 86-74-8    | Carbazole                  | 29    | U         | 29  | 86   | 340        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 64    | U         | 64  | 44.3 | 180        | ug/Kg |
| 206-44-0   | Fluoranthene               | 56    | U         | 56  | 86   | 180        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | BHCL1                 | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3397-02              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 4.4                   |
| 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 |
| BP021304.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162408      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 51     | U         | 51     | 44.3 | 180        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 88     | U         | 88     | 44.3 | 180        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 50     | U         | 50     | 86   | 340        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 28     | U         | 28     | 44.3 | 180        | ug/Kg    |
| 218-01-9          | Chrysene                    | 32     | U         | 32     | 44.3 | 180        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 100    | U         | 100    | 44.3 | 180        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 79     | U         | 79     | 86   | 340        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 34     | U         | 34     | 44.3 | 180        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 40     | U         | 40     | 44.3 | 180        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 33     | U         | 33     | 44.3 | 180        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 32     | U         | 32     | 44.3 | 180        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 29     | U         | 29     | 44.3 | 180        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 27     | U         | 27     | 44.3 | 180        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 34     | U         | 34     | 44.3 | 180        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.082  |           | 15-120 |      | 26         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 9.551  |           | 20-120 |      | 24         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 13.549 |           | 10-130 |      | 34         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 12.215 |           | 10-150 |      | 31         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 13.527 |           | 15-120 |      | 34         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 15.518 |           | 10-140 |      | 39         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 16.931 |           | 10-135 |      | 42         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 17.611 |           | 10-120 |      | 44         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 17.216 |           | 10-140 |      | 43         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 17.514 |           | 1-145  |      | 44         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 22.878 |           | 10-145 |      | 57         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 22.4   |           | 15-120 |      | 56         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 16.626 |           | 10-150 |      | 42         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 23.566 |           | 20-140 |      | 59         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | BHCL1              | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3397-02           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 4.4                   |
| 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 |
| BP021304.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162408      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 14.875  |           | 10-130 |     | 37         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 24.416  |           | 10-150 |     | 61         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 19.783  |           | 10-130 |     | 49         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 25.025  |           | 10-140 |     | 63         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 193844  | 7.628     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 737375  | 10.393    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 446841  | 14.263    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 886772  | 17.092    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 942913  | 21.527    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1317348 | 24.815    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 25      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | BHCM7        | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3397-07     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 5                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021305.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162408      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 12    | U         | 12  | 6.9  | 70         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 47    | U         | 47  | 86.8 | 350        | ug/Kg |
| 110-86-1       | Pyridine                    | 35    | U         | 35  | 170  | 350        | ug/Kg |
| 108-95-2       | Phenol                      | 45    | U         | 45  | 86.8 | 350        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 42    | U         | 42  | 86.8 | 350        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 24    | U         | 24  | 44.7 | 180        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 41    | U         | 41  | 86.8 | 350        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 63    | U         | 63  | 86.8 | 350        | ug/Kg |
| 98-86-2        | Acetophenone                | 42    | U         | 42  | 86.8 | 350        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 39    | U         | 39  | 86.8 | 350        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 54    | U         | 54  | 44.7 | 180        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 19    | U         | 19  | 44.7 | 180        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 33    | U         | 33  | 44.7 | 180        | ug/Kg |
| 78-59-1        | Isophorone                  | 51    | U         | 51  | 44.7 | 180        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 33    | U         | 33  | 44.7 | 180        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 26    | U         | 26  | 44.7 | 180        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 45    | U         | 45  | 44.7 | 180        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 17    | U         | 17  | 44.7 | 180        | ug/Kg |
| 91-20-3        | Naphthalene                 | 26    | U         | 26  | 44.7 | 180        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 25    | U         | 25  | 44.7 | 350        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 46    | U         | 46  | 44.7 | 180        | ug/Kg |
| 105-60-2       | Caprolactam                 | 76    | U         | 76  | 86.8 | 350        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 52    | U         | 52  | 44.7 | 180        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 35    | U         | 35  | 44.7 | 180        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 24    | U         | 24  | 44.7 | 180        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 100   | U         | 100 | 86.8 | 350        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 52    | U         | 52  | 44.7 | 180        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 41    | U         | 41  | 44.7 | 180        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | BHCM7        | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3397-07     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 5                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021305.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162408      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 25    | U         | 25  | 44.7 | 180        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 27    | U         | 27  | 44.7 | 180        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 43    | U         | 43  | 44.7 | 180        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 31    | U         | 31  | 44.7 | 180        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 46    | U         | 46  | 44.7 | 180        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 34    | U         | 34  | 44.7 | 180        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 46    | U         | 46  | 86.8 | 350        | ug/Kg |
| 83-32-9    | Acenaphthene               | 31    | U         | 31  | 44.7 | 180        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 51    | U         | 51  | 86.8 | 350        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 46    | U         | 46  | 86.8 | 350        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 34    | U         | 34  | 44.7 | 180        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 45    | U         | 45  | 44.7 | 180        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 32    | U         | 32  | 44.7 | 180        | ug/Kg |
| 86-73-7    | Fluorene                   | 26    | U         | 26  | 44.7 | 180        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 21    | U         | 21  | 44.7 | 180        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 33    | U         | 33  | 86.8 | 350        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 81    | U         | 81  | 86.8 | 350        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 35    | U         | 35  | 44.7 | 180        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 25    | U         | 25  | 44.7 | 180        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 31    | U         | 31  | 44.7 | 180        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 34    | U         | 34  | 44.7 | 180        | ug/Kg |
| 1912-24-9  | Atrazine                   | 75    | U         | 75  | 86.8 | 350        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 78    | U         | 78  | 86.8 | 350        | ug/Kg |
| 85-01-8    | Phenanthrene               | 31    | U         | 31  | 44.7 | 180        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 55    | U         | 55  | 44.7 | 180        | ug/Kg |
| 120-12-7   | Anthracene                 | 26    | U         | 26  | 44.7 | 180        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 53    | U         | 53  | 44.7 | 180        | ug/Kg |
| 86-74-8    | Carbazole                  | 29    | U         | 29  | 86.8 | 350        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 64    | U         | 64  | 44.7 | 180        | ug/Kg |
| 206-44-0   | Fluoranthene               | 57    | U         | 57  | 86.8 | 180        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | BHCM7        | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3397-07     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 5                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021305.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162408      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 52     | U         | 52     | 44.7 | 180        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 88     | U         | 88     | 44.7 | 180        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 51     | U         | 51     | 86.8 | 350        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 28     | U         | 28     | 44.7 | 180        | ug/Kg    |
| 218-01-9          | Chrysene                    | 33     | U         | 33     | 44.7 | 180        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 100    | U         | 100    | 44.7 | 180        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 80     | U         | 80     | 86.8 | 350        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 35     | U         | 35     | 44.7 | 180        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 40     | U         | 40     | 44.7 | 180        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 34     | U         | 34     | 44.7 | 180        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 33     | U         | 33     | 44.7 | 180        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 29     | U         | 29     | 44.7 | 180        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 27     | U         | 27     | 44.7 | 180        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 35     | U         | 35     | 44.7 | 180        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 1.595  |           | 15-120 |      | 20         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.34   | U         | 20-120 |      | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 10.627 |           | 10-130 |      | 27         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 10.608 |           | 10-150 |      | 27         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 11.666 |           | 15-120 |      | 29         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 11.397 |           | 10-140 |      | 28         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 12.035 |           | 10-135 |      | 30         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 11.944 |           | 10-120 |      | 30         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 12.302 |           | 10-140 |      | 31         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 10.773 |           | 1-145  |      | 27         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 12.313 |           | 10-145 |      | 31         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 15.1   |           | 15-120 |      | 38         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 9.594  |           | 10-150 |      | 24         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 16.01  |           | 20-140 |      | 40         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | BHCM7        | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3397-07     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 5                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021305.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162408      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 5.641   |           | 10-130 |     | 14         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 16.491  |           | 10-150 |     | 41         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 13.753  |           | 10-130 |     | 34         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 17.64   |           | 10-140 |     | 44         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 145541  | 7.622     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 560480  | 10.393    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 346967  | 14.263    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 707924  | 17.086    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 801911  | 21.527    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1039975 | 24.81     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 25      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/31/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/31/2024 12:00:00 AM |
| Client Sample ID:  | SLCS406                | SDG No.:        | BP080124              |
| Lab Sample ID:     | PB162406BS             | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021306.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162406      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 8.7   |           | 0.35 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 24    |           | 1.1  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 22    |           | 1.7  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 25    |           | 1.6  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 23    |           | 1.4  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 26    |           | 0.91 | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 24    |           | 1.5  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 20    |           | 1.9  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 24    |           | 1.5  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 24    |           | 1.7  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 22    |           | 1.9  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 25    |           | 1.1  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 26    |           | 1.4  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 24    |           | 1.7  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 28    |           | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 22    |           | 0.69 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 23    |           | 1.5  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 28    |           | 1.1  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 27    |           | 0.94 | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 23    |           | 0.94 | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 28    |           | 1.5  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 29    |           | 2.6  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 27    |           | 1.6  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 26    |           | 0.91 | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 26    |           | 1.1  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 11    |           | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 25    |           | 2    | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 27    |           | 1.6  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/31/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/31/2024 12:00:00 AM |
| Client Sample ID:  | SLCS406                | SDG No.:        | BP080124              |
| Lab Sample ID:     | PB162406BS             | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021306.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162406      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 27    |           | 1.1  | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 27    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 28    |           | 1.8  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 27    |           | 1.1  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 28    |           | 1.7  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 27    |           | 1.2  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 32    |           | 1.6  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 27    |           | 0.96 | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 30    |           | 1.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 34    |           | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 28    |           | 1.1  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 31    |           | 1.5  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 26    |           | 1.3  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 28    |           | 0.94 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 28    |           | 1.1  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 41    |           | 0.83 | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 29    |           | 2.4  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 26    |           | 1.3  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 29    |           | 1.4  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 27    |           | 0.95 | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 29    |           | 1.2  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 2.7   | J         | 1.8  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 21    |           | 1.9  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 28    |           | 1.2  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 26    |           | 1.7  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 27    |           | 1.1  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 26    |           | 1.7  | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 31    |           | 1.1  | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 25    |           | 1.9  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 21    |           | 1.9  | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/31/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/31/2024 12:00:00 AM |
| Client Sample ID:  | SLCS406                | SDG No.:        | BP080124              |
| Lab Sample ID:     | PB162406BS             | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021306.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162406      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 22     |           | 1.8    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 20     |           | 2.7    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 30     |           | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 27     |           | 1.1    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 28     |           | 1.1    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 20     |           | 3      | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 21     |           | 2.4    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 28     |           | 1.4    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 27     |           | 1.4    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 26     |           | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 29     |           | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 29     |           | 1.3    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 28     |           | 1.2    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 24     |           | 1.5    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.463  |           | 15-120 |     | 68         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 22.215 |           | 20-120 |     | 56         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 24.99  |           | 10-130 |     | 62         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 22.527 |           | 25-120 |     | 56         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 25.569 |           | 20-130 |     | 64         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 23.483 |           | 25-125 |     | 59         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 27.284 |           | 20-125 |     | 68         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.761 |           | 20-130 |     | 69         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 27.759 |           | 20-120 |     | 69         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.261 |           | 1-146  |     | 61         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.639 |           | 25-130 |     | 67         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 27.4   |           | 10-130 |     | 69         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 40.934 |           | 10-150 |     | 102        | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 29.005 |           | 25-125 |     | 73         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/31/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/31/2024 12:00:00 AM |
| Client Sample ID:  | SLCS406                | SDG No.:        | BP080124              |
| Lab Sample ID:     | PB162406BS             | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021306.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162406      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 29.478  |           | 10-130 |     | 74         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 28.338  |           | 25-130 |     | 71         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 22.082  |           | 15-130 |     | 55         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 28.927  |           | 20-130 |     | 72         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 174666  | 7.628     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 667484  | 10.393    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 435267  | 14.269    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 967097  | 17.092    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1174423 | 21.527    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1450044 | 24.827    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.1     | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/31/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/31/2024 12:00:00 AM |
| Client Sample ID:  | SBLK408      | SDG No.:        | BP080124              |
| Lab Sample ID:     | PB162408BL   | 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 |
| BP021308.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162408      |

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

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/31/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/31/2024 12:00:00 AM |
| Client Sample ID:  | SBLK408      | SDG No.:        | BP080124              |
| Lab Sample ID:     | PB162408BL   | 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 |
| BP021308.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162408      |

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

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/31/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/31/2024 12:00:00 AM |
| Client Sample ID:  | SBLK408      | SDG No.:        | BP080124              |
| Lab Sample ID:     | PB162408BL   | 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 |
| BP021308.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162408      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 49     | U         | 49     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 84     | U         | 84     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 48     | U         | 48     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 27     | U         | 27     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 31     | U         | 31     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 96     | U         | 96     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 76     | U         | 76     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 33     | U         | 33     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 38     | U         | 38     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 32     | U         | 32     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 31     | U         | 31     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 28     | U         | 28     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 26     | U         | 26     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 33     | U         | 33     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.43   |           | 15-120 |      | 68         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 23.399 |           | 20-120 |      | 58         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 24.059 |           | 10-130 |      | 60         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 22.909 |           | 10-150 |      | 57         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 25.803 |           | 15-120 |      | 65         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 23.54  |           | 10-140 |      | 59         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 26.966 |           | 10-135 |      | 67         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.4   |           | 10-120 |      | 69         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 26     |           | 10-140 |      | 65         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 26.355 |           | 1-145  |      | 66         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 27.776 |           | 10-145 |      | 69         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 27.877 |           | 15-120 |      | 70         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 26.188 |           | 10-150 |      | 65         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 29.792 |           | 20-140 |      | 74         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/31/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/31/2024 12:00:00 AM |
| Client Sample ID:  | SBLK408      | SDG No.:        | BP080124              |
| Lab Sample ID:     | PB162408BL   | 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 |
| BP021308.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162408      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 21.374  |           | 10-130 |     | 53         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 29.95   |           | 10-150 |     | 75         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 24      |           | 10-130 |     | 60         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 29.96   |           | 10-140 |     | 75         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 136731  | 7.628     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 519122  | 10.399    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 322786  | 14.269    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 691795  | 17.092    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 802999  | 21.539    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1041546 | 24.833    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 24      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/19/2024 12:00:00 AM |
| Client Sample ID:  | SBLK173      | SDG No.:        | BP080124              |
| Lab Sample ID:     | PB162173BL   | 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 |
| BP021309.D        | 1         | 7/19/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162173      |

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

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/19/2024 12:00:00 AM |
| Client Sample ID:  | SBLK173      | SDG No.:        | BP080124              |
| Lab Sample ID:     | PB162173BL   | 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 |
| BP021309.D        | 1         | 7/19/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162173      |

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

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/19/2024 12:00:00 AM |
| Client Sample ID:  | SBLK173      | SDG No.:        | BP080124              |
| Lab Sample ID:     | PB162173BL   | 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 |
| BP021309.D        | 1         | 7/19/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162173      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 49     | U         | 49     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 84     | U         | 84     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 48     | U         | 48     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 27     | U         | 27     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 31     | U         | 31     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 96     | U         | 96     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 76     | U         | 76     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 33     | U         | 33     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 38     | U         | 38     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 32     | U         | 32     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 31     | U         | 31     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 28     | U         | 28     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 26     | U         | 26     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 33     | U         | 33     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.799  |           | 15-120 |      | 60         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 21.99  |           | 20-120 |      | 55         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 21.831 |           | 10-130 |      | 55         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 20.796 |           | 10-150 |      | 52         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.055 |           | 15-120 |      | 60         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 21.816 |           | 10-140 |      | 55         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 24.922 |           | 10-135 |      | 62         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 24.58  |           | 10-120 |      | 61         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 23.299 |           | 10-140 |      | 58         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.09  |           | 1-145  |      | 60         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 25.249 |           | 10-145 |      | 63         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 24.695 |           | 15-120 |      | 62         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 25.11  |           | 10-150 |      | 63         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 26.655 |           | 20-140 |      | 67         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/19/2024 12:00:00 AM |
| Client Sample ID:  | SBLK173      | SDG No.:        | BP080124              |
| Lab Sample ID:     | PB162173BL   | 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 |
| BP021309.D        | 1         | 7/19/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162173      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 20.798  |           | 10-130 |     | 52         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 26.901  |           | 10-150 |     | 67         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 22.023  |           | 10-130 |     | 55         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 26.965  |           | 10-140 |     | 67         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 170962  | 7.622     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 653604  | 10.399    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 425865  | 14.269    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 957026  | 17.086    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1115408 | 21.539    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1385100 | 24.827    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 24      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/16/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/16/2024 12:00:00 AM |
| Client Sample ID:  | A4CM2        | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3283-01     | 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 |
| BP021310.D        | 1         | 7/19/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162173      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 12    | U         | 12  | 6.9  | 70         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 47    | U         | 47  | 86.6 | 350        | ug/Kg |
| 110-86-1       | Pyridine                    | 35    | U         | 35  | 170  | 350        | ug/Kg |
| 108-95-2       | Phenol                      | 45    | U         | 45  | 86.6 | 350        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 42    | U         | 42  | 86.6 | 350        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 24    | U         | 24  | 44.6 | 180        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 41    | U         | 41  | 86.6 | 350        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 63    | U         | 63  | 86.6 | 350        | ug/Kg |
| 98-86-2        | Acetophenone                | 42    | U         | 42  | 86.6 | 350        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 39    | U         | 39  | 86.6 | 350        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 54    | U         | 54  | 44.6 | 180        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 19    | U         | 19  | 44.6 | 180        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 33    | U         | 33  | 44.6 | 180        | ug/Kg |
| 78-59-1        | Isophorone                  | 50    | U         | 50  | 44.6 | 180        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 33    | U         | 33  | 44.6 | 180        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 26    | U         | 26  | 44.6 | 180        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 45    | U         | 45  | 44.6 | 180        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 17    | U         | 17  | 44.6 | 180        | ug/Kg |
| 91-20-3        | Naphthalene                 | 26    | U         | 26  | 44.6 | 180        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 25    | U         | 25  | 44.6 | 350        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 46    | U         | 46  | 44.6 | 180        | ug/Kg |
| 105-60-2       | Caprolactam                 | 76    | U         | 76  | 86.6 | 350        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 51    | U         | 51  | 44.6 | 180        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 35    | U         | 35  | 44.6 | 180        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 24    | U         | 24  | 44.6 | 180        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 100   | U         | 100 | 86.6 | 350        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 51    | U         | 51  | 44.6 | 180        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 41    | U         | 41  | 44.6 | 180        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/16/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/16/2024 12:00:00 AM |
| Client Sample ID:  | A4CM2        | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3283-01     | 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 |
| BP021310.D        | 1         | 7/19/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162173      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 25    | U         | 25  | 44.6 | 180        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 27    | U         | 27  | 44.6 | 180        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 43    | U         | 43  | 44.6 | 180        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 30    | U         | 30  | 44.6 | 180        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 46    | U         | 46  | 44.6 | 180        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 34    | U         | 34  | 44.6 | 180        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 46    | U         | 46  | 86.6 | 350        | ug/Kg |
| 83-32-9    | Acenaphthene               | 30    | U         | 30  | 44.6 | 180        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 50    | U         | 50  | 86.6 | 350        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 46    | U         | 46  | 86.6 | 350        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 34    | U         | 34  | 44.6 | 180        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 45    | U         | 45  | 44.6 | 180        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 31    | U         | 31  | 44.6 | 180        | ug/Kg |
| 86-73-7    | Fluorene                   | 26    | U         | 26  | 44.6 | 180        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 21    | U         | 21  | 44.6 | 180        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 33    | U         | 33  | 86.6 | 350        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 81    | U         | 81  | 86.6 | 350        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 35    | U         | 35  | 44.6 | 180        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 25    | U         | 25  | 44.6 | 180        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 30    | U         | 30  | 44.6 | 180        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 34    | U         | 34  | 44.6 | 180        | ug/Kg |
| 1912-24-9  | Atrazine                   | 75    | U         | 75  | 86.6 | 350        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 78    | U         | 78  | 86.6 | 350        | ug/Kg |
| 85-01-8    | Phenanthrene               | 30    | U         | 30  | 44.6 | 180        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 55    | U         | 55  | 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 | 52    | U         | 52  | 44.6 | 180        | ug/Kg |
| 86-74-8    | Carbazole                  | 29    | U         | 29  | 86.6 | 350        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 64    | U         | 64  | 44.6 | 180        | ug/Kg |
| 206-44-0   | Fluoranthene               | 57    | U         | 57  | 86.6 | 180        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/16/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/16/2024 12:00:00 AM |
| Client Sample ID:  | A4CM2        | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3283-01     | 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 |
| BP021310.D        | 1         | 7/19/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162173      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 51     | U         | 51     | 44.6 | 180        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 88     | U         | 88     | 44.6 | 180        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 50     | U         | 50     | 86.6 | 350        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 28     | U         | 28     | 44.6 | 180        | ug/Kg    |
| 218-01-9          | Chrysene                    | 33     | U         | 33     | 44.6 | 180        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 100    | U         | 100    | 44.6 | 180        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 80     | U         | 80     | 86.6 | 350        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 35     | U         | 35     | 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              | 34     | U         | 34     | 44.6 | 180        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 33     | U         | 33     | 44.6 | 180        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 29     | U         | 29     | 44.6 | 180        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 27     | U         | 27     | 44.6 | 180        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 35     | U         | 35     | 44.6 | 180        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.059  |           | 15-120 |      | 38         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 12     |           | 20-120 |      | 30         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 14.99  |           | 10-130 |      | 37         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 13.734 |           | 10-150 |      | 34         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 16.128 |           | 15-120 |      | 40         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 14.816 |           | 10-140 |      | 37         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 16.377 |           | 10-135 |      | 41         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 16.569 |           | 10-120 |      | 41         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 17.207 |           | 10-140 |      | 43         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 12.69  |           | 1-145  |      | 32         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 17.923 |           | 10-145 |      | 45         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 18.577 |           | 15-120 |      | 46         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 18.255 |           | 10-150 |      | 46         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 20.286 |           | 20-140 |      | 51         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/16/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/16/2024 12:00:00 AM |
| Client Sample ID:  | A4CM2        | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3283-01     | 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 |
| BP021310.D        | 1         | 7/19/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162173      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 13.036  |           | 10-130 |     | 33         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 18.61   |           | 10-150 |     | 47         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 15.452  |           | 10-130 |     | 39         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 19.9    |           | 10-140 |     | 50         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 135443  | 7.628     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 510167  | 10.398    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 331638  | 14.269    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 782254  | 17.092    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 990820  | 21.539    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1285923 | 24.845    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol               | 110     | J         |        |     | 11.187     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 150     | J         |        |     | 18.016     |          |
| 077899-03-7                           | 1-Heneicosyl formate               | 190     | J         |        |     | 21.18      |          |
|                                       | (DEL) Alkane: Straight-Chain22.357 | 95      | J         |        |     | 22.357     |          |
|                                       | (DEL) Alkane: Straight-Chain22.404 | 240     | J         |        |     | 22.404     |          |
| 057866-08-7                           | Tetracosanal                       | 130     | J         |        |     | 23.427     |          |
|                                       | (DEL) Alkane: Straight-Chain23.892 | 390     | J         |        |     | 23.892     |          |
| 018206-97-8                           | Octacosyl acetate                  | 160     | J         |        |     | 23.992     |          |
| 014811-95-1                           | 1,19-Eicosadiene                   | 310     | J         |        |     | 25.398     |          |
|                                       | (DEL) Alkane: Straight-Chain26.015 | 670     | J         |        |     | 26.015     |          |
|                                       | (DEL) Alkane: Straight-Chain26.186 | 130     | J         |        |     | 26.186     |          |
| 077899-10-6                           | (Z)-14-Tricosenyl formate          | 190     | J         |        |     | 28.215     |          |
| E966796                               | Total Alkanes                      | 1500    |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                        |                 |                             |
|--------------------|------------------------|-----------------|-----------------------------|
| Client:            |                        | Date Collected: | 7/16/2024 12:00:00 AM       |
| Project:           |                        | Date Received:  | 7/16/2024 12:00:00 AM       |
| Client Sample ID:  | A4CM2MS                | SDG No.:        | BP080124                    |
| Lab Sample ID:     | P3283-06MS             | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 4.7                         |
| 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 |
| BP021311.D        | 1         | 7/19/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162173      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 370   |           | 12  | 6.9  | 70         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 920   |           | 47  | 86.4 | 350        | ug/Kg |
| 110-86-1       | Pyridine                    | 850   |           | 35  | 170  | 350        | ug/Kg |
| 108-95-2       | Phenol                      | 970   |           | 45  | 86.4 | 350        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 860   |           | 42  | 86.4 | 350        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1000  |           | 24  | 44.5 | 180        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 930   |           | 41  | 86.4 | 350        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 750   |           | 63  | 86.4 | 350        | ug/Kg |
| 98-86-2        | Acetophenone                | 920   |           | 42  | 86.4 | 350        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 940   |           | 39  | 86.4 | 350        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 820   |           | 53  | 44.5 | 180        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 910   |           | 19  | 44.5 | 180        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 990   |           | 32  | 44.5 | 180        | ug/Kg |
| 78-59-1        | Isophorone                  | 900   |           | 50  | 44.5 | 180        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1100  |           | 32  | 44.5 | 180        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 680   |           | 26  | 44.5 | 180        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 900   |           | 45  | 44.5 | 180        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1100  |           | 17  | 44.5 | 180        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1000  |           | 26  | 44.5 | 180        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 690   |           | 25  | 44.5 | 350        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1100  |           | 46  | 44.5 | 180        | ug/Kg |
| 105-60-2       | Caprolactam                 | 1000  |           | 75  | 86.4 | 350        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1100  |           | 51  | 44.5 | 180        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 1000  |           | 35  | 44.5 | 180        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1000  |           | 24  | 44.5 | 180        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 440   |           | 100 | 86.4 | 350        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1100  |           | 51  | 44.5 | 180        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1100  |           | 41  | 44.5 | 180        | ug/Kg |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 7/16/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 7/16/2024 12:00:00 AM |
| Client Sample ID:  | A4CM2MS        | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3283-06MS     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 4.7                   |
| 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 |
| BP021311.D        | 1         | 7/19/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162173      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1000  |           | 25  | 44.5 | 180        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 1000  |           | 27  | 44.5 | 180        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 1000  |           | 43  | 44.5 | 180        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 980   |           | 30  | 44.5 | 180        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 1100  |           | 46  | 44.5 | 180        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 990   |           | 34  | 44.5 | 180        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 1100  |           | 46  | 86.4 | 350        | ug/Kg |
| 83-32-9    | Acenaphthene               | 1000  |           | 30  | 44.5 | 180        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 1100  |           | 50  | 86.4 | 350        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 1400  |           | 46  | 86.4 | 350        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 1100  |           | 34  | 44.5 | 180        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 1100  |           | 45  | 44.5 | 180        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 960   |           | 31  | 44.5 | 180        | ug/Kg |
| 86-73-7    | Fluorene                   | 1100  |           | 26  | 44.5 | 180        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1000  |           | 21  | 44.5 | 180        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 1400  |           | 32  | 86.4 | 350        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1100  |           | 81  | 86.4 | 350        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 960   |           | 35  | 44.5 | 180        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1100  |           | 25  | 44.5 | 180        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 990   |           | 30  | 44.5 | 180        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1100  |           | 34  | 44.5 | 180        | ug/Kg |
| 1912-24-9  | Atrazine                   | 720   |           | 74  | 86.4 | 350        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 1000  |           | 78  | 86.4 | 350        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1000  |           | 30  | 44.5 | 180        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 1000  |           | 54  | 44.5 | 180        | ug/Kg |
| 120-12-7   | Anthracene                 | 990   |           | 26  | 44.5 | 180        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 980   |           | 52  | 44.5 | 180        | ug/Kg |
| 86-74-8    | Carbazole                  | 1200  |           | 29  | 86.4 | 350        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 950   |           | 64  | 44.5 | 180        | ug/Kg |
| 206-44-0   | Fluoranthene               | 840   |           | 57  | 86.4 | 180        | ug/Kg |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 7/16/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 7/16/2024 12:00:00 AM |
| Client Sample ID:  | A4CM2MS        | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3283-06MS     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 4.7                   |
| 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 |
| BP021311.D        | 1         | 7/19/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162173      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 890    |           | 51     | 44.5 | 180        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 820    |           | 88     | 44.5 | 180        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 340    | J         | 50     | 86.4 | 350        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1000   |           | 28     | 44.5 | 180        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1100   |           | 32     | 44.5 | 180        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 810    |           | 100    | 44.5 | 180        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 820    |           | 80     | 86.4 | 350        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1000   |           | 35     | 44.5 | 180        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1000   |           | 40     | 44.5 | 180        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 920    |           | 34     | 44.5 | 180        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1100   |           | 32     | 44.5 | 180        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1100   |           | 29     | 44.5 | 180        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1000   |           | 27     | 44.5 | 180        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1100   |           | 35     | 44.5 | 180        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.76   |           | 15-120 |      | 34         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 3.343  | *         | 20-120 |      | 8          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 14.735 |           | 10-130 |      | 37         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 14.717 |           | 10-150 |      | 37         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 16.573 |           | 15-120 |      | 41         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 14.086 |           | 10-140 |      | 35         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 17.983 |           | 10-135 |      | 45         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 17.149 |           | 10-120 |      | 43         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 18.223 |           | 10-140 |      | 46         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 8.992  |           | 1-145  |      | 22         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 17.425 |           | 10-145 |      | 44         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 18.475 |           | 15-120 |      | 46         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 20.145 |           | 10-150 |      | 50         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 18.959 |           | 20-140 |      | 47         | SPK: -40 |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 7/16/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 7/16/2024 12:00:00 AM |
| Client Sample ID:  | A4CM2MS             | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3283-06MS          | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC           | % Moisture:     | 4.7                   |
| 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 |
| BP021311.D        | 1         | 7/19/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162173      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 14.862  |           | 10-130 |     | 37         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 17.706  |           | 10-150 |     | 44         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 15.113  |           | 10-130 |     | 38         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 19.018  |           | 10-140 |     | 48         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 162600  | 7.622     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 617872  | 10.381    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 403568  | 14.269    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 889585  | 17.092    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1034860 | 21.539    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1263464 | 24.845    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 25      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                        |                 |                             |
|--------------------|------------------------|-----------------|-----------------------------|
| Client:            |                        | Date Collected: | 7/16/2024 12:00:00 AM       |
| Project:           |                        | Date Received:  | 7/16/2024 12:00:00 AM       |
| Client Sample ID:  | A4CM2MSD               | SDG No.:        | BP080124                    |
| Lab Sample ID:     | P3283-07MSD            | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 4.7                         |
| Sample Wt/Vol:     | 30.09      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                     | Test:           |                             |
| Extraction Type :  | Decanted :             | Level :         | LOW                         |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                        |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021312.D        | 1         | 7/19/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162173      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 360   |           | 12  | 6.9  | 70         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 950   |           | 47  | 86.3 | 350        | ug/Kg |
| 110-86-1       | Pyridine                    | 890   |           | 35  | 170  | 350        | ug/Kg |
| 108-95-2       | Phenol                      | 1000  |           | 45  | 86.3 | 350        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 890   |           | 42  | 86.3 | 350        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1100  |           | 24  | 44.5 | 180        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 960   |           | 41  | 86.3 | 350        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 770   |           | 63  | 86.3 | 350        | ug/Kg |
| 98-86-2        | Acetophenone                | 960   |           | 42  | 86.3 | 350        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 1000  |           | 39  | 86.3 | 350        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 850   |           | 53  | 44.5 | 180        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 950   |           | 19  | 44.5 | 180        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1000  |           | 32  | 44.5 | 180        | ug/Kg |
| 78-59-1        | Isophorone                  | 930   |           | 50  | 44.5 | 180        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1100  |           | 32  | 44.5 | 180        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 690   |           | 26  | 44.5 | 180        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 930   |           | 45  | 44.5 | 180        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1100  |           | 17  | 44.5 | 180        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1100  |           | 26  | 44.5 | 180        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 700   |           | 25  | 44.5 | 350        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1100  |           | 46  | 44.5 | 180        | ug/Kg |
| 105-60-2       | Caprolactam                 | 1100  |           | 75  | 86.3 | 350        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1100  |           | 51  | 44.5 | 180        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 1100  |           | 35  | 44.5 | 180        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1100  |           | 24  | 44.5 | 180        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 450   |           | 99  | 86.3 | 350        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1100  |           | 51  | 44.5 | 180        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1100  |           | 41  | 44.5 | 180        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                             |
|--------------------|------------------------|-----------------|-----------------------------|
| Client:            |                        | Date Collected: | 7/16/2024 12:00:00 AM       |
| Project:           |                        | Date Received:  | 7/16/2024 12:00:00 AM       |
| Client Sample ID:  | A4CM2MSD               | SDG No.:        | BP080124                    |
| Lab Sample ID:     | P3283-07MSD            | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 4.7                         |
| Sample Wt/Vol:     | 30.09      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                     | Test:           |                             |
| Extraction Type :  | Decanted :             | Level :         | LOW                         |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                        |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021312.D        | 1         | 7/19/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162173      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1000  |           | 25  | 44.5 | 180        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 1100  |           | 27  | 44.5 | 180        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 1100  |           | 43  | 44.5 | 180        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 1000  |           | 30  | 44.5 | 180        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 1100  |           | 46  | 44.5 | 180        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1100  |           | 33  | 44.5 | 180        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 1200  |           | 46  | 86.3 | 350        | ug/Kg |
| 83-32-9    | Acenaphthene               | 1100  |           | 30  | 44.5 | 180        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 1200  |           | 50  | 86.3 | 350        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 1300  |           | 46  | 86.3 | 350        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 1100  |           | 33  | 44.5 | 180        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 1200  |           | 45  | 44.5 | 180        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 1000  |           | 31  | 44.5 | 180        | ug/Kg |
| 86-73-7    | Fluorene                   | 1100  |           | 26  | 44.5 | 180        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1100  |           | 21  | 44.5 | 180        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 1500  |           | 32  | 86.3 | 350        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1100  |           | 81  | 86.3 | 350        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1000  |           | 35  | 44.5 | 180        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1100  |           | 25  | 44.5 | 180        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1000  |           | 30  | 44.5 | 180        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1100  |           | 33  | 44.5 | 180        | ug/Kg |
| 1912-24-9  | Atrazine                   | 740   |           | 74  | 86.3 | 350        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 1000  |           | 77  | 86.3 | 350        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1100  |           | 30  | 44.5 | 180        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 1000  |           | 54  | 44.5 | 180        | ug/Kg |
| 120-12-7   | Anthracene                 | 1000  |           | 26  | 44.5 | 180        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 990   |           | 52  | 44.5 | 180        | ug/Kg |
| 86-74-8    | Carbazole                  | 1200  |           | 29  | 86.3 | 350        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 970   |           | 64  | 44.5 | 180        | ug/Kg |
| 206-44-0   | Fluoranthene               | 900   |           | 56  | 86.3 | 180        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                             |
|--------------------|------------------------|-----------------|-----------------------------|
| Client:            |                        | Date Collected: | 7/16/2024 12:00:00 AM       |
| Project:           |                        | Date Received:  | 7/16/2024 12:00:00 AM       |
| Client Sample ID:  | A4CM2MSD               | SDG No.:        | BP080124                    |
| Lab Sample ID:     | P3283-07MSD            | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 4.7                         |
| Sample Wt/Vol:     | 30.09      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                     | Test:           |                             |
| Extraction Type :  | Decanted :             | Level :         | LOW                         |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                        |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021312.D        | 1         | 7/19/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162173      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 930    |           | 51     | 44.5 | 180        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 830    |           | 88     | 44.5 | 180        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 380    |           | 50     | 86.3 | 350        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1100   |           | 28     | 44.5 | 180        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1100   |           | 32     | 44.5 | 180        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 810    |           | 100    | 44.5 | 180        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 820    |           | 80     | 86.3 | 350        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1100   |           | 35     | 44.5 | 180        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1100   |           | 40     | 44.5 | 180        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 950    |           | 33     | 44.5 | 180        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1100   |           | 32     | 44.5 | 180        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1100   |           | 29     | 44.5 | 180        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1000   |           | 27     | 44.5 | 180        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1200   |           | 35     | 44.5 | 180        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.742  |           | 15-120 |      | 34         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 3.084  | *         | 20-120 |      | 8          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 15.499 |           | 10-130 |      | 39         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 15.062 |           | 10-150 |      | 38         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 17.336 |           | 15-120 |      | 43         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 14.874 |           | 10-140 |      | 37         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 18.497 |           | 10-135 |      | 46         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 17.921 |           | 10-120 |      | 45         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 19.37  |           | 10-140 |      | 48         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 9.225  |           | 1-145  |      | 23         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 18.149 |           | 10-145 |      | 45         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 19.111 |           | 15-120 |      | 48         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 20.836 |           | 10-150 |      | 52         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 20.158 |           | 20-140 |      | 50         | SPK: -40 |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 7/16/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 7/16/2024 12:00:00 AM |
| Client Sample ID:  | A4CM2MSD            | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3283-07MSD         | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC           | % Moisture:     | 4.7                   |
| Sample Wt/Vol:     | 30.09      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                  | Test:           |                       |
| Extraction Type :  | Decanted :          | Level :         | LOW                   |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BP021312.D        | 1         | 7/19/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162173      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 15.756  |           | 10-130 |     | 39         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 18.23   |           | 10-150 |     | 46         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 16.106  |           | 10-130 |     | 40         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 19.313  |           | 10-140 |     | 48         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 153537  | 7.622     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 602754  | 10.381    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 404585  | 14.263    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 921108  | 17.087    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1018525 | 21.527    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1277328 | 24.821    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 25      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | BHCM6                 | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3397-04              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 4.2                   |
| 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 |
| BP021313.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162408      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 11    | U         | 11  | 6.9  | 69         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 47    | U         | 47  | 85.8 | 340        | ug/Kg |
| 110-86-1       | Pyridine                    | 34    | U         | 34  | 170  | 340        | ug/Kg |
| 108-95-2       | Phenol                      | 45    | U         | 45  | 85.8 | 340        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 42    | U         | 42  | 85.8 | 340        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 24    | U         | 24  | 44.2 | 180        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 41    | U         | 41  | 85.8 | 340        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 62    | U         | 62  | 85.8 | 340        | ug/Kg |
| 98-86-2        | Acetophenone                | 42    | U         | 42  | 85.8 | 340        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 38    | U         | 38  | 85.8 | 340        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 53    | U         | 53  | 44.2 | 180        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 19    | U         | 19  | 44.2 | 180        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 32    | U         | 32  | 44.2 | 180        | ug/Kg |
| 78-59-1        | Isophorone                  | 50    | U         | 50  | 44.2 | 180        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 32    | U         | 32  | 44.2 | 180        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 26    | U         | 26  | 44.2 | 180        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 45    | U         | 45  | 44.2 | 180        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 17    | U         | 17  | 44.2 | 180        | ug/Kg |
| 91-20-3        | Naphthalene                 | 26    | U         | 26  | 44.2 | 180        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 25    | U         | 25  | 44.2 | 340        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 46    | U         | 46  | 44.2 | 180        | ug/Kg |
| 105-60-2       | Caprolactam                 | 75    | U         | 75  | 85.8 | 340        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 51    | U         | 51  | 44.2 | 180        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 34    | U         | 34  | 44.2 | 180        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 24    | U         | 24  | 44.2 | 180        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 99    | U         | 99  | 85.8 | 340        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 51    | U         | 51  | 44.2 | 180        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 41    | U         | 41  | 44.2 | 180        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | BHCM6                 | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3397-04              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 4.2                   |
| 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 |
| BP021313.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162408      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 25    | U         | 25  | 44.2 | 180        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 27    | U         | 27  | 44.2 | 180        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 43    | U         | 43  | 44.2 | 180        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 30    | U         | 30  | 44.2 | 180        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 46    | U         | 46  | 44.2 | 180        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 33    | U         | 33  | 44.2 | 180        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 46    | U         | 46  | 85.8 | 340        | ug/Kg |
| 83-32-9    | Acenaphthene               | 30    | U         | 30  | 44.2 | 180        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 50    | U         | 50  | 85.8 | 340        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 46    | U         | 46  | 85.8 | 340        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 33    | U         | 33  | 44.2 | 180        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 45    | U         | 45  | 44.2 | 180        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 31    | U         | 31  | 44.2 | 180        | ug/Kg |
| 86-73-7    | Fluorene                   | 26    | U         | 26  | 44.2 | 180        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 21    | U         | 21  | 44.2 | 180        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 32    | U         | 32  | 85.8 | 340        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 80    | U         | 80  | 85.8 | 340        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 34    | U         | 34  | 44.2 | 180        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 25    | U         | 25  | 44.2 | 180        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 30    | U         | 30  | 44.2 | 180        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 33    | U         | 33  | 44.2 | 180        | ug/Kg |
| 1912-24-9  | Atrazine                   | 74    | U         | 74  | 85.8 | 340        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 77    | U         | 77  | 85.8 | 340        | ug/Kg |
| 85-01-8    | Phenanthrene               | 30    | U         | 30  | 44.2 | 180        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 54    | U         | 54  | 44.2 | 180        | ug/Kg |
| 120-12-7   | Anthracene                 | 26    | U         | 26  | 44.2 | 180        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 52    | U         | 52  | 44.2 | 180        | ug/Kg |
| 86-74-8    | Carbazole                  | 29    | U         | 29  | 85.8 | 340        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 63    | U         | 63  | 44.2 | 180        | ug/Kg |
| 206-44-0   | Fluoranthene               | 56    | U         | 56  | 85.8 | 180        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | BHCM6                 | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3397-04              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 4.2                   |
| 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 |
| BP021313.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162408      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 51     | U         | 51     | 44.2 | 180        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 87     | U         | 87     | 44.2 | 180        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 50     | U         | 50     | 85.8 | 340        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 28     | U         | 28     | 44.2 | 180        | ug/Kg    |
| 218-01-9          | Chrysene                    | 32     | U         | 32     | 44.2 | 180        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 100    | U         | 100    | 44.2 | 180        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 79     | U         | 79     | 85.8 | 340        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 34     | U         | 34     | 44.2 | 180        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 40     | U         | 40     | 44.2 | 180        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 33     | U         | 33     | 44.2 | 180        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 32     | U         | 32     | 44.2 | 180        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 29     | U         | 29     | 44.2 | 180        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 27     | U         | 27     | 44.2 | 180        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 34     | U         | 34     | 44.2 | 180        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.253  |           | 15-120 |      | 28         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.34   | U         | 20-120 |      | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 13.505 |           | 10-130 |      | 34         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 13.015 |           | 10-150 |      | 33         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 14.977 |           | 15-120 |      | 37         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 13.635 |           | 10-140 |      | 34         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 15.321 |           | 10-135 |      | 38         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 14.954 |           | 10-120 |      | 37         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 14.807 |           | 10-140 |      | 37         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 13.522 |           | 1-145  |      | 34         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 14.083 |           | 10-145 |      | 35         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 16.48  |           | 15-120 |      | 41         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 12.928 |           | 10-150 |      | 32         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 17.681 |           | 20-140 |      | 44         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | BHCM6              | SDG No.:        | BP080124              |
| Lab Sample ID:     | P3397-04           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 4.2                   |
| 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 |
| BP021313.D        | 1         | 7/31/2024 12:00:00 AM | 8/2/2024 12:00:00 AM | PB162408      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 7.586   |           | 10-130 |     | 19         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 17.901  |           | 10-150 |     | 45         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 14.88   |           | 10-130 |     | 37         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 18.281  |           | 10-140 |     | 46         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 179591  | 7.622     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 692326  | 10.393    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 452076  | 14.269    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 975440  | 17.087    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1116385 | 21.533    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1438735 | 24.827    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain  | 21.186  | 88        | J      |     | 21.186     |          |
| E966796                               | Total Alkanes                 |         | 88        |        |     | 99         | ug/Kg    |

### Hit Summary Sheet SW-846

SDG No.: BP080124

Client:

| Sample ID            | Client ID | Matrix | Parameter                          | Concentration | C | MDL | RDL | Units |
|----------------------|-----------|--------|------------------------------------|---------------|---|-----|-----|-------|
| Client ID : A4CM7    |           |        |                                    |               |   |     |     |       |
| P3264-19             | A4CM7     | Solid  | (DEL) Alkane: Straight-Chain21.1 * | 100.000       | J |     |     |       |
| P3264-19             | A4CM7     | Solid  | n-Hexadecanoic acid *              | 180.000       | J |     |     |       |
| P3264-19             | A4CM7     | Solid  | Total Alkanes *                    | 100.000       |   | 34  | 240 | ug/Kg |
| Total Tics :         |           |        |                                    | 380.00        |   |     |     |       |
| P3264-19             | A4CM7     | Solid  | Benzo(a)anthracene                 | 50.000        | J | 38  | 240 | ug/Kg |
| P3264-19             | A4CM7     | Solid  | Benzo(a)pyrene                     | 48.000        | J | 45  | 240 | ug/Kg |
| P3264-19             | A4CM7     | Solid  | Benzo(b)fluoranthene               | 59.000        | J | 46  | 240 | ug/Kg |
| P3264-19             | A4CM7     | Solid  | Chrysene                           | 60.000        | J | 43  | 240 | ug/Kg |
| P3264-19             | A4CM7     | Solid  | Fluoranthene                       | 89.000        | J | 76  | 240 | ug/Kg |
| P3264-19             | A4CM7     | Solid  | Phenanthrene                       | 100.000       | J | 41  | 240 | ug/Kg |
| P3264-19             | A4CM7     | Solid  | Pyrene                             | 93.000        | J | 69  | 240 | ug/Kg |
| Total Svoc :         |           |        |                                    | 499.00        |   |     |     |       |
| Total Concentration: |           |        |                                    | 879.00        |   |     |     |       |
| Client ID : A4CM2    |           |        |                                    |               |   |     |     |       |
| P3283-01             | A4CM2     | Solid  | (DEL) Alkane: Straight-Chain22.2 * | 95.000        | J |     |     |       |
| P3283-01             | A4CM2     | Solid  | (DEL) Alkane: Straight-Chain22.4 * | 240.000       | J |     |     |       |
| P3283-01             | A4CM2     | Solid  | (DEL) Alkane: Straight-Chain23.1 * | 390.000       | J |     |     |       |
| P3283-01             | A4CM2     | Solid  | (DEL) Alkane: Straight-Chain26.1 * | 670.000       | J |     |     |       |
| P3283-01             | A4CM2     | Solid  | (DEL) Alkane: Straight-Chain26.1 * | 130.000       | J |     |     |       |
| P3283-01             | A4CM2     | Solid  | (Z)-14-Tricosenyl formate *        | 190.000       | J |     |     |       |
| P3283-01             | A4CM2     | Solid  | 1,19-Eicosadiene *                 | 310.000       | J |     |     |       |
| P3283-01             | A4CM2     | Solid  | 1-Heneicosyl formate *             | 190.000       | J |     |     |       |
| P3283-01             | A4CM2     | Solid  | 1-Phenoxypropan-2-ol *             | 110.000       | J |     |     |       |
| P3283-01             | A4CM2     | Solid  | n-Hexadecanoic acid *              | 150.000       | J |     |     |       |
| P3283-01             | A4CM2     | Solid  | Octacosyl acetate *                | 160.000       | J |     |     |       |
| P3283-01             | A4CM2     | Solid  | Tetracosanal *                     | 130.000       | J |     |     |       |
| P3283-01             | A4CM2     | Solid  | Total Alkanes *                    | 1,500.000     |   | 25  | 180 | ug/Kg |
| Total Tics :         |           |        |                                    | 4,265.00      |   |     |     |       |
| Total Concentration: |           |        |                                    | 4,265.00      |   |     |     |       |
| Client ID : BHCL1    |           |        |                                    |               |   |     |     |       |
| P3397-02             | BHCL1     | Solid  | Total Alkanes *                    | 0.000         |   | 25  | 180 | ug/Kg |
| Total Tics :         |           |        |                                    | 0.00          |   |     |     |       |
| Total Concentration: |           |        |                                    | 0.00          |   |     |     |       |
| Client ID : BHCM6    |           |        |                                    |               |   |     |     |       |
| P3397-04             | BHCM6     | Solid  | (DEL) Alkane: Straight-Chain21.1 * | 88.000        | J |     |     |       |
| P3397-04             | BHCM6     | Solid  | Total Alkanes *                    | 88.000        |   | 25  | 180 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BP080124

Client:

| Sample ID          | Client ID    | Matrix | Parameter                       | Concentration | C             | MDL | RDL | Units |
|--------------------|--------------|--------|---------------------------------|---------------|---------------|-----|-----|-------|
|                    |              |        | <b>Total Tics :</b>             |               | <b>176.00</b> |     |     |       |
|                    |              |        | <b>Total Concentration:</b>     |               | <b>176.00</b> |     |     |       |
| <b>Client ID :</b> | <b>BHCM7</b> |        |                                 |               |               |     |     |       |
| P3397-07           | BHCM7        | Solid  | Total Alkanes                   | *             | 0.000         | 25  | 180 | ug/Kg |
|                    |              |        | <b>Total Tics :</b>             |               | <b>0.00</b>   |     |     |       |
|                    |              |        | <b>Total Concentration:</b>     |               | <b>0.00</b>   |     |     |       |
| <b>Client ID :</b> | <b>E08K3</b> |        |                                 |               |               |     |     |       |
| P3398-01           | E08K3        | Water  | Phenol, 4-(1,1-dimethylpropyl)- | *             | 2.300         | J   |     |       |
| P3398-01           | E08K3        | Water  | Total Alkanes                   | *             | 0.000         | 1.1 | 5   | ug/L  |
|                    |              |        | <b>Total Tics :</b>             |               | <b>2.30</b>   |     |     |       |
|                    |              |        | <b>Total Concentration:</b>     |               | <b>2.30</b>   |     |     |       |
| <b>Client ID :</b> | <b>E08K6</b> |        |                                 |               |               |     |     |       |
| P3398-04           | E08K6        | Water  | n-Hexadecanoic acid             | *             | 2.000         | J   |     |       |
| P3398-04           | E08K6        | Water  | Total Alkanes                   | *             | 0.000         | 1.1 | 5   | ug/L  |
|                    |              |        | <b>Total Tics :</b>             |               | <b>2.00</b>   |     |     |       |
|                    |              |        | <b>Total Concentration:</b>     |               | <b>2.00</b>   |     |     |       |
| <b>Client ID :</b> | <b>E08K8</b> |        |                                 |               |               |     |     |       |
| P3398-06           | E08K8        | Water  | Total Alkanes                   | *             | 0.000         | 1.1 | 5.1 | ug/L  |
|                    |              |        | <b>Total Tics :</b>             |               | <b>0.00</b>   |     |     |       |
|                    |              |        | <b>Total Concentration:</b>     |               | <b>0.00</b>   |     |     |       |
| <b>Client ID :</b> | <b>E08L2</b> |        |                                 |               |               |     |     |       |
| P3398-08           | E08L2        | Water  | Total Alkanes                   | *             | 0.000         | 1.1 | 5   | ug/L  |
|                    |              |        | <b>Total Tics :</b>             |               | <b>0.00</b>   |     |     |       |
|                    |              |        | <b>Total Concentration:</b>     |               | <b>0.00</b>   |     |     |       |
| <b>Client ID :</b> | <b>E08L5</b> |        |                                 |               |               |     |     |       |
| P3398-10           | E08L5        | Water  | Total Alkanes                   | *             | 0.000         | 1.1 | 5   | ug/L  |
|                    |              |        | <b>Total Tics :</b>             |               | <b>0.00</b>   |     |     |       |
|                    |              |        | <b>Total Concentration:</b>     |               | <b>0.00</b>   |     |     |       |

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

Lab Code: CHEM Case No.: BP071024 SAS No.: BP071024 SDG No.: BP071024

Instrument ID: \_\_\_\_\_ Calibration Date(s): 7/10/2024 : \_\_\_\_\_

Calibration Time(s): 14:29 \_\_\_\_\_

| LAB FILE ID:               |        | RRFAL1 = BP020880.D |        | RRFAL2 = BP020881.D |        | RRFAL3 = BP020882.D |       |       |
|----------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
|                            |        | RRFAL4 = BP020883.D |        | RRFAL5 = BP020884.D |        | RRFAL6 = BP020885.D |       |       |
| COMPOUND                   | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4              | RRFAL5 | RRFAL6              | RRF   | % RSD |
| 1,4-Dioxane                | 0.500  | 0.477               | 0.493  | 0.469               | 0.478  |                     | 0.483 | 2.6   |
| Benzaldehyde               |        | 0.847               | 1.009  | 0.945               | 0.726  | 0.585               | 0.822 | 20.7  |
| Pyridine                   |        | 1.300               | 1.318  | 1.320               | 1.306  | 1.318               | 1.312 | 0.7   |
| Hexachloroethane           | 0.617  | 0.613               | 0.611  | 0.606               | 0.578  |                     | 0.605 | 2.6   |
| Nitrobenzene               | 0.357  | 0.380               | 0.374  | 0.382               | 0.368  |                     | 0.372 | 2.7   |
| Isophorone                 | 0.752  | 0.758               | 0.729  | 0.766               | 0.694  |                     | 0.740 | 3.9   |
| 2-Nitrophenol              | 0.170  | 0.183               | 0.186  | 0.199               | 0.190  |                     | 0.185 | 5.7   |
| 2,4-Dimethylphenol         | 0.364  | 0.368               | 0.366  | 0.377               | 0.353  |                     | 0.366 | 2.3   |
| Bis(2-Chloroethoxy)methane | 0.458  | 0.461               | 0.447  | 0.460               | 0.422  |                     | 0.450 | 3.6   |
| 2,4-Dichlorophenol         | 0.310  | 0.317               | 0.316  | 0.329               | 0.312  |                     | 0.317 | 2.4   |
| Naphthalene                | 1.093  | 1.092               | 1.032  | 1.047               | 0.997  |                     | 1.052 | 3.9   |
| 4-Chloroaniline            |        | 0.414               | 0.407  | 0.434               | 0.392  | 0.387               | 0.407 | 4.6   |
| Hexachlorobutadiene        | 0.243  | 0.243               | 0.234  | 0.237               | 0.230  |                     | 0.238 | 2.4   |
| Phenol                     |        | 1.616               | 1.632  | 1.693               | 1.632  | 1.676               | 1.650 | 2.0   |
| Caprolactam                |        | 0.093               | 0.096  | 0.110               | 0.091  | 0.098               | 0.098 | 7.8   |
| 4-Chloro-3-methylphenol    | 0.333  | 0.346               | 0.345  | 0.369               | 0.329  |                     | 0.344 | 4.4   |
| 1-Methylnaphthalene        | 0.762  | 0.753               | 0.750  | 0.761               | 0.686  |                     | 0.743 | 4.3   |
| 2-Methylnaphthalene        | 0.750  | 0.745               | 0.706  | 0.735               | 0.675  |                     | 0.722 | 4.4   |
| Hexachlorocyclopentadiene  |        | 0.236               | 0.297  | 0.360               | 0.394  | 0.412               | 0.340 | 21.4  |
| 2,4,6-Trichlorophenol      | 0.405  | 0.397               | 0.406  | 0.430               | 0.415  |                     | 0.410 | 3.1   |
| 2,4,5-Trichlorophenol      | 0.431  | 0.416               | 0.420  | 0.464               | 0.439  |                     | 0.434 | 4.4   |
| 1,1-Biphenyl               | 1.476  | 1.493               | 1.451  | 1.469               | 1.419  |                     | 1.462 | 1.9   |
| 2-Chloronaphthalene        | 1.207  | 1.202               | 1.144  | 1.165               | 1.117  |                     | 1.167 | 3.3   |
| 2-Nitroaniline             | 0.293  | 0.311               | 0.327  | 0.358               | 0.324  |                     | 0.323 | 7.4   |
| Bis(2-Chloroethyl)ether    |        | 1.361               | 1.406  | 1.399               | 1.327  | 1.323               | 1.363 | 2.9   |
| Dimethylphthalate          | 1.552  | 1.487               | 1.457  | 1.533               | 1.349  |                     | 1.475 | 5.4   |
| 2,6-Dinitrotoluene         | 0.285  | 0.281               | 0.288  | 0.329               | 0.291  |                     | 0.295 | 6.5   |
| Acenaphthylene             | 1.882  | 1.887               | 1.836  | 1.900               | 1.736  |                     | 1.848 | 3.6   |
| 3-Nitroaniline             |        | 0.238               | 0.265  | 0.295               | 0.242  | 0.243               | 0.257 | 9.4   |
| Acenaphthene               | 1.275  | 1.267               | 1.203  | 1.245               | 1.145  |                     | 1.227 | 4.4   |
| 2,4-Dinitrophenol          |        | 0.099               | 0.134  | 0.185               | 0.165  | 0.192               | 0.155 | 24.7  |
| 4-Nitrophenol              |        | 0.135               | 0.159  | 0.197               | 0.171  | 0.179               | 0.168 | 13.8  |
| Dibenzofuran               | 1.800  | 1.732               | 1.645  | 1.702               | 1.521  |                     | 1.680 | 6.3   |
| 2,4-Dinitrotoluene         | 0.388  | 0.391               | 0.406  | 0.456               | 0.382  |                     | 0.405 | 7.4   |
| Diethylphthalate           | 1.569  | 1.497               | 1.442  | 1.542               | 1.321  |                     | 1.474 | 6.7   |
| 2-Chlorophenol             | 1.321  | 1.332               | 1.374  | 1.376               | 1.329  |                     | 1.346 | 2.0   |

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.: BP071024 SAS No.: BP071024 SDG No.: BP071024

Instrument ID: \_\_\_\_\_ Calibration Date(s): 7/10/2024 : \_\_\_\_\_

Calibration Time(s): 14:29 : \_\_\_\_\_

| LAB FILE ID:                |        | RRFAL1 = BP020880.D |        | RRFAL2 = BP020881.D |        | RRFAL3 = BP020882.D |       |       |
|-----------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
|                             |        | RRFAL4 = BP020883.D |        | RRFAL5 = BP020884.D |        | RRFAL6 = BP020885.D |       |       |
| COMPOUND                    | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4              | RRFAL5 | RRFAL6              | RRF   | % RSD |
| Fluorene                    | 1.508  | 1.398               | 1.335  | 1.404               | 1.210  |                     | 1.371 | 8.0   |
| 4-Chlorophenyl-phenylether  | 0.815  | 0.759               | 0.729  | 0.757               | 0.658  |                     | 0.744 | 7.7   |
| 4-Nitroaniline              |        | 0.198               | 0.217  | 0.266               | 0.195  | 0.186               | 0.213 | 15.0  |
| 4,6-Dinitro-2-methylphenol  |        | 0.110               | 0.122  | 0.140               | 0.135  | 0.135               | 0.128 | 9.3   |
| N-Nitrosodiphenylamine      | 0.587  | 0.604               | 0.580  | 0.573               | 0.569  |                     | 0.582 | 2.3   |
| 1,2,4,5-Tetrachlorobenzene  | 0.640  | 0.656               | 0.641  | 0.658               | 0.653  |                     | 0.650 | 1.3   |
| 4-Bromophenyl-phenylether   | 0.228  | 0.241               | 0.231  | 0.234               | 0.237  |                     | 0.234 | 2.2   |
| Hexachlorobenzene           | 0.271  | 0.275               | 0.261  | 0.272               | 0.265  |                     | 0.269 | 2.1   |
| Atrazine                    |        | 0.212               | 0.213  | 0.226               | 0.207  | 0.204               | 0.212 | 3.9   |
| Pentachlorophenol           |        | 0.125               | 0.138  | 0.157               | 0.151  | 0.159               | 0.146 | 9.9   |
| 2-Methylphenol              |        | 1.224               | 1.294  | 1.335               | 1.250  | 1.276               | 1.276 | 3.3   |
| Phenanthrene                | 1.089  | 1.071               | 1.017  | 1.022               | 0.988  |                     | 1.038 | 4.0   |
| Pentachlorobenzene          | 0.308  | 0.330               | 0.318  | 0.307               | 0.327  |                     | 0.318 | 3.4   |
| Anthracene                  | 1.102  | 1.109               | 1.028  | 1.057               | 0.992  |                     | 1.058 | 4.7   |
| 1,2,3,4-Tetrachlorobenzene  | 0.304  | 0.327               | 0.315  | 0.310               | 0.345  |                     | 0.320 | 5.1   |
| Carbazole                   |        | 0.894               | 0.861  | 0.916               | 0.855  | 0.797               | 0.865 | 5.2   |
| Di-n-butylphthalate         | 1.235  | 1.205               | 1.170  | 1.238               | 1.117  |                     | 1.193 | 4.2   |
| Fluoranthene                | 1.557  | 1.502               | 1.480  | 1.601               | 1.325  |                     | 1.493 | 7.1   |
| Pyrene                      | 1.605  | 1.556               | 1.497  | 1.604               | 1.335  |                     | 1.520 | 7.4   |
| Butylbenzylphthalate        | 0.665  | 0.634               | 0.621  | 0.669               | 0.576  |                     | 0.633 | 5.9   |
| 3,3-Dichlorobenzidine       |        | 0.468               | 0.471  | 0.472               | 0.449  | 0.426               | 0.457 | 4.4   |
| 2,2-oxybis(1-Chloropropane) |        | 2.016               | 2.067  | 2.050               | 1.884  | 1.829               | 1.969 | 5.4   |
| Benzo(a)anthracene          | 1.441  | 1.416               | 1.378  | 1.412               | 1.358  |                     | 1.401 | 2.3   |
| Chrysene                    | 1.339  | 1.335               | 1.269  | 1.313               | 1.253  |                     | 1.302 | 3.0   |
| Bis(2-ethylhexyl)phthalate  | 0.967  | 0.930               | 0.898  | 0.938               | 0.823  |                     | 0.911 | 6.0   |
| Di-n-octyl phthalate        |        | 1.348               | 1.348  | 1.516               | 1.232  | 1.162               | 1.321 | 10.2  |
| Benzo(b)fluoranthene        | 1.271  | 1.193               | 1.183  | 1.247               | 1.174  |                     | 1.214 | 3.5   |
| Benzo(k)fluoranthene        | 1.255  | 1.226               | 1.152  | 1.256               | 1.167  |                     | 1.211 | 4.0   |
| Benzo(a)pyrene              | 1.166  | 1.140               | 1.128  | 1.184               | 1.116  |                     | 1.147 | 2.4   |
| Indeno(1,2,3-cd)pyrene      | 1.500  | 1.496               | 1.457  | 1.458               | 1.478  |                     | 1.478 | 1.4   |
| Dibenzo(a,h)anthracene      | 1.221  | 1.244               | 1.213  | 1.208               | 1.233  |                     | 1.224 | 1.2   |
| Benzo(g,h,i)perylene        | 1.219  | 1.219               | 1.197  | 1.181               | 1.202  |                     | 1.204 | 1.3   |
| Acetophenone                |        | 2.117               | 2.175  | 2.228               | 1.987  | 1.944               | 2.090 | 5.8   |
| 2,3,4,6-Tetrachlorophenol   | 0.370  | 0.366               | 0.364  | 0.407               | 0.352  |                     | 0.372 | 5.6   |
| 1,4-Dioxane-d8              | 0.427  | 0.456               | 0.458  | 0.425               | 0.432  |                     | 0.440 | 3.7   |
| Pyridine-d5                 |        | 1.210               | 1.285  | 1.299               | 1.275  | 1.293               | 1.272 | 2.8   |

All other compounds must meet a minimum RRF of 0.010.



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BP071024 SAS No.: BP071024 SDG No.: BP071024  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 7/10/2024 : \_\_\_\_\_  
Calibration Time(s): 14:29 \_\_\_\_\_

|                             |        |                     |        |        |                     |        |                     |       |
|-----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:                |        | RRFAL1 = BP020880.D |        |        | RRFAL2 = BP020881.D |        | RRFAL3 = BP020882.D |       |
|                             |        | RRFAL4 = BP020883.D |        |        | RRFAL5 = BP020884.D |        | RRFAL6 = BP020885.D |       |
| COMPOUND                    | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4 | RRFAL5              | RRFAL6 | RRF                 | % RSD |
| Phenol-d5                   |        | 1.531               | 1.623  | 1.673  | 1.638               | 1.688  | 1.631               | 3.8   |
| Bis-(2-Chloroethyl)ether-d8 |        | 0.969               | 1.031  | 1.024  | 0.955               | 0.962  | 0.988               | 3.7   |
| 2-Chlorophenol-d4           | 1.276  | 1.309               | 1.395  | 1.393  | 1.344               |        | 1.343               | 3.9   |
| 4-Methylphenol-d8           |        | 1.282               | 1.386  | 1.436  | 1.318               | 1.349  | 1.354               | 4.4   |
| Nitrobenzene-d5             | 0.143  | 0.153               | 0.157  | 0.164  | 0.160               |        | 0.155               | 5.2   |
| 2-Nitrophenol-d4            | 0.162  | 0.173               | 0.178  | 0.191  | 0.185               |        | 0.178               | 6.2   |
| 2,4-Dichlorophenol-d3       | 0.306  | 0.317               | 0.322  | 0.341  | 0.322               |        | 0.322               | 4.0   |
| 4-Chloroaniline-d4          |        | 0.423               | 0.426  | 0.459  | 0.411               | 0.410  | 0.426               | 4.6   |
| 4-Methylphenol              |        | 1.341               | 1.385  | 1.444  | 1.329               | 1.337  | 1.367               | 3.5   |
| Dimethylphthalate-d6        | 1.503  | 1.458               | 1.441  | 1.522  | 1.346               |        | 1.454               | 4.7   |
| Acenaphthylene-d8           | 1.631  | 1.639               | 1.627  | 1.701  | 1.564               |        | 1.633               | 3.0   |
| 4-Nitrophenol-d4            |        | 0.163               | 0.196  | 0.241  | 0.209               | 0.225  | 0.207               | 14.4  |
| Fluorene-d10                | 1.223  | 1.198               | 1.194  | 1.249  | 1.100               |        | 1.193               | 4.7   |
| 4,6-Dinitro-2-methylphenol- |        | 0.099               | 0.115  | 0.132  | 0.127               | 0.132  | 0.121               | 11.7  |
| Anthracene-d10              | 0.893  | 0.920               | 0.869  | 0.896  | 0.864               |        | 0.888               | 2.5   |
| Pyrene-d10                  | 1.260  | 1.252               | 1.230  | 1.337  | 1.104               |        | 1.236               | 6.8   |
| Benzo(a)pyrene-d12          | 0.985  | 0.969               | 0.972  | 1.022  | 0.985               |        | 0.986               | 2.1   |
| N-Nitroso-di-n-propylamine  | 1.116  | 1.105               | 1.119  | 1.137  | 0.999               |        | 1.095               | 5.0   |

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.: BP080124 SAS No.: BP080124 SDG NO.: BP080124

EPA Sample No.: SSTD020646 Date Analyzed: Aug 1 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 18:07

Instrument ID: BNA\_P GC Column: ZB-GR ID: 0.25 (mm)

|    |                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|----|----------------|---------------------|-------|---------------------|--------|---------------------|--------|
|    | 12 HOUR STD    | 204038              | 7.722 | 896738              | 10.49  | 595801              | 14.36  |
|    | UPPER LIMIT    | 408076              | 8.222 | 1793476             | 10.993 | 1191602             | 14.863 |
|    | LOWER LIMIT    | 102019              | 7.222 | 448369              | 9.993  | 297900.5            | 13.863 |
|    | EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 | SBLK406        | 169834              | 7.63  | 658656              | 10.39  | 434504              | 14.27  |
| 02 | A4CM7          | 136513              | 7.63  | 531210              | 10.39  | 351677              | 14.27  |
| 03 | A4CN0MS        | 129095              | 7.62  | 485624              | 10.39  | 314703              | 14.28  |
| 04 | A4CN0MSD       | 154476              | 7.62  | 589010              | 10.39  | 386640              | 14.27  |
| 05 | SLCS151        | 144394              | 7.63  | 530914              | 10.38  | 333965              | 14.26  |
| 06 | E08K6          | 158677              | 7.63  | 602545              | 10.39  | 384548              | 14.27  |
| 07 | E08K8          | 186473              | 7.62  | 705803              | 10.39  | 436037              | 14.26  |
| 08 | E08L2          | 166966              | 7.62  | 653550              | 10.39  | 432799              | 14.27  |
| 09 | E08L5          | 176996              | 7.62  | 669573              | 10.39  | 409939              | 14.26  |
| 10 | E08K3          | 188536              | 7.62  | 719226              | 10.39  | 455105              | 14.26  |
| 11 | BHCL1          | 193844              | 7.63  | 737375              | 10.39  | 446841              | 14.26  |
| 12 | BHCM7          | 145541              | 7.62  | 560480              | 10.39  | 346967              | 14.26  |
| 13 | SLCS406        | 174666              | 7.63  | 667484              | 10.39  | 435267              | 14.27  |
| 14 | SBLK408        | 136731              | 7.63  | 519122              | 10.40  | 322786              | 14.27  |
| 15 | SBLK173        | 170962              | 7.62  | 653604              | 10.40  | 425865              | 14.27  |
| 16 | A4CM2          | 135443              | 7.63  | 510167              | 10.40  | 331638              | 14.27  |
| 17 | A4CM2MS        | 162600              | 7.62  | 617872              | 10.38  | 403568              | 14.27  |
| 18 | A4CM2MSD       | 153537              | 7.62  | 602754              | 10.38  | 404585              | 14.26  |
| 19 | BHCM6          | 179591              | 7.62  | 692326              | 10.39  | 452076              | 14.27  |
|    |                |                     |       |                     |        |                     |        |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP080124 SAS No.: BP080124 SDG NO.: BP080124

EPA Sample No.: SSTD020646 Date Analyzed: Aug 2 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 08:49

Instrument ID: BNA\_P GC Column: ZB-GR ID: 0.25 (mm)

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|----------------|---------------------|-------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 204038              | 7.722 | 896738              | 10.49  | 595801              | 14.36  |
| UPPER LIMIT    | 408076              | 8.222 | 1793476             | 10.993 | 1191602             | 14.863 |
| LOWER LIMIT    | 102019              | 7.222 | 448369              | 9.993  | 297900.5            | 13.863 |
| 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.: BP080124 SAS No.: BP080124 SDG NO.: BP080124

EPA Sample No.: SSTD020720 Date Analyzed: Aug 1 2024 12:00AM

Lab File ID: BP021293.D Time Analyzed: 18:07

Instrument ID: BNA\_P GC Column: ZB-GR ID: 0.25 (mm)

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|----------------|---------------------|-------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 135797              | 7.628 | 537071              | 10.38  | 346220              | 14.27  |
| UPPER LIMIT    | 271594              | 8.128 | 1074142             | 10.881 | 692440              | 14.769 |
| LOWER LIMIT    | 67898.5             | 7.128 | 268535.5            | 9.881  | 173110              | 13.769 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK406     | 169834              | 7.63  | 658656              | 10.39  | 434504              | 14.27  |
| 02 A4CM7       | 136513              | 7.63  | 531210              | 10.39  | 351677              | 14.27  |
| 03 A4CNOMS     | 129095              | 7.62  | 485624              | 10.39  | 314703              | 14.28  |
| 04 A4CNOMSD    | 154476              | 7.62  | 589010              | 10.39  | 386640              | 14.27  |
| 05 SLCS151     | 144394              | 7.63  | 530914              | 10.38  | 333965              | 14.26  |
| 06 E08K6       | 158677              | 7.63  | 602545              | 10.39  | 384548              | 14.27  |
| 07 E08K8       | 186473              | 7.62  | 705803              | 10.39  | 436037              | 14.26  |
| 08 E08L2       | 166966              | 7.62  | 653550              | 10.39  | 432799              | 14.27  |
| 09 E08L5       | 176996              | 7.62  | 669573              | 10.39  | 409939              | 14.26  |
| 10 E08K3       | 188536              | 7.62  | 719226              | 10.39  | 455105              | 14.26  |
| 11 BHCL1       | 193844              | 7.63  | 737375              | 10.39  | 446841              | 14.26  |
| 12 BHCM7       | 145541              | 7.62  | 560480              | 10.39  | 346967              | 14.26  |
| 13 SLCS406     | 174666              | 7.63  | 667484              | 10.39  | 435267              | 14.27  |

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.: BP080124 SAS No.: BP080124 SDG NO.: BP080124

EPA Sample No.: SSTD020721 Date Analyzed: Aug 2 2024 12:00AM

Lab File ID: BP021307.D Time Analyzed: 05:10

Instrument ID: BNA\_P GC Column: ZB-GR ID: 0.25 (mm)

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|----------------|---------------------|-------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 129108              | 7.622 | 516216              | 10.39  | 336066              | 14.26  |
| UPPER LIMIT    | 258216              | 8.122 | 1032432             | 10.887 | 672132              | 14.763 |
| LOWER LIMIT    | 64554               | 7.122 | 258108              | 9.887  | 168033              | 13.763 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK408     | 136731              | 7.63  | 519122              | 10.40  | 322786              | 14.27  |
| 02 SBLK173     | 170962              | 7.62  | 653604              | 10.40  | 425865              | 14.27  |
| 03 A4CM2       | 135443              | 7.63  | 510167              | 10.40  | 331638              | 14.27  |
| 04 A4CM2MS     | 162600              | 7.62  | 617872              | 10.38  | 403568              | 14.27  |
| 05 A4CM2MSD    | 153537              | 7.62  | 602754              | 10.38  | 404585              | 14.26  |
| 06 BHCM6       | 179591              | 7.62  | 692326              | 10.39  | 452076              | 14.27  |

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.: BP080124 SAS No.: BP080124 SDG NO.: BP080124

EPA Sample No.: SSTD020646 Date Analyzed: Aug 1 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 18:07

Instrument ID: BNA\_P GC Column: ZB-GR ID: 0.25 (mm)

|    |                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----|----------------|---------------------|--------|---------------------|--------|---------------------|--------|
|    | 12 HOUR STD    | 1.18434e+0          | 17.181 | 877418              | 21.621 | 997746              | 24.986 |
|    | UPPER LIMIT    | 2368680             | 17.681 | 1754836             | 22.121 | 1995492             | 25.486 |
|    | LOWER LIMIT    | 592170              | 16.681 | 438709              | 21.121 | 498873              | 24.486 |
|    | EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 | SBLK406        | 953798              | 17.09  | 1.00228e+           | 21.55  | 1.28038e+           | 24.85  |
| 02 | A4CM7          | 751339              | 17.09  | 828004              | 21.54  | 1.01247e+           | 24.83  |
| 03 | A4CN0MS        | 682487              | 17.09  | 766679              | 21.53  | 970426              | 24.82  |
| 04 | A4CN0MSD       | 815046              | 17.09  | 898380              | 21.53  | 1.12114e+           | 24.82  |
| 05 | SLCS151        | 733858              | 17.08  | 871967              | 21.52  | 1.11083e+           | 24.82  |
| 06 | E08K6          | 838489              | 17.09  | 937501              | 21.53  | 1.18162e+           | 24.82  |
| 07 | E08K8          | 924930              | 17.09  | 1.05283e+           | 21.53  | 1.42576e+           | 24.82  |
| 08 | E08L2          | 942299              | 17.09  | 1.09022e+           | 21.54  | 1.42907e+           | 24.83  |
| 09 | E08L5          | 870017              | 17.09  | 1.03309e+           | 21.54  | 1.35279e+           | 24.83  |
| 10 | E08K3          | 923940              | 17.09  | 975969              | 21.55  | 1.31878e+           | 24.85  |
| 11 | BHCL1          | 886772              | 17.09  | 942913              | 21.53  | 1.31735e+           | 24.82  |
| 12 | BHCM7          | 707924              | 17.09  | 801911              | 21.53  | 1.03998e+           | 24.81  |
| 13 | SLCS406        | 967097              | 17.09  | 1.17442e+           | 21.53  | 1.45004e+           | 24.83  |
| 14 | SBLK408        | 691795              | 17.09  | 802999              | 21.54  | 1.04155e+           | 24.83  |
| 15 | SBLK173        | 957026              | 17.09  | 1.11541e+           | 21.54  | 1.3851e+0           | 24.83  |
| 16 | A4CM2          | 782254              | 17.09  | 990820              | 21.54  | 1.28592e+           | 24.85  |
| 17 | A4CM2MS        | 889585              | 17.09  | 1.03486e+           | 21.54  | 1.26346e+           | 24.85  |
| 18 | A4CM2MSD       | 921108              | 17.09  | 1.01853e+           | 21.53  | 1.27733e+           | 24.82  |
| 19 | BHCM6          | 975440              | 17.09  | 1.11639e+           | 21.53  | 1.43874e+           | 24.83  |

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP080124 SAS No.: BP080124 SDG NO.: BP080124

EPA Sample No.: SSTD020646 Date Analyzed: Aug 2 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 08:49

Instrument ID: BNA\_P GC Column: ZB-GR ID: 0.25 (mm)

|                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 1.18434e+0          | 17.181 | 877418              | 21.621 | 997746              | 24.986 |
| UPPER LIMIT    | 2368680             | 17.681 | 1754836             | 22.121 | 1995492             | 25.486 |
| LOWER LIMIT    | 592170              | 16.681 | 438709              | 21.121 | 498873              | 24.486 |
| 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.: BP080124 SAS No.: BP080124 SDG NO.: BP080124

EPA Sample No.: SSTD020720 Date Analyzed: Aug 1 2024 12:00AM

Lab File ID: BP021293.D Time Analyzed: 18:07

Instrument ID: BNA\_P GC Column: ZB-GR ID: 0.25 (mm)

|                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 735015              | 17.098 | 813816              | 21.545 | 1.02047e+01         | 24.839 |
| UPPER LIMIT    | 1470030             | 17.598 | 1627632             | 22.045 | 2040940             | 25.339 |
| LOWER LIMIT    | 367507.5            | 16.598 | 406908              | 21.045 | 510235              | 24.339 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 SBLK406     | 953798              | 17.09  | 1.00228e+           | 21.55  | 1.28038e+           | 24.85  |
| 02 A4CM7       | 751339              | 17.09  | 828004              | 21.54  | 1.01247e+           | 24.83  |
| 03 A4CN0MS     | 682487              | 17.09  | 766679              | 21.53  | 970426              | 24.82  |
| 04 A4CN0MSD    | 815046              | 17.09  | 898380              | 21.53  | 1.12114e+           | 24.82  |
| 05 SLCS151     | 733858              | 17.08  | 871967              | 21.52  | 1.11083e+           | 24.82  |
| 06 E08K6       | 838489              | 17.09  | 937501              | 21.53  | 1.18162e+           | 24.82  |
| 07 E08K8       | 924930              | 17.09  | 1.05283e+           | 21.53  | 1.42576e+           | 24.82  |
| 08 E08L2       | 942299              | 17.09  | 1.09022e+           | 21.54  | 1.42907e+           | 24.83  |
| 09 E08L5       | 870017              | 17.09  | 1.03309e+           | 21.54  | 1.35279e+           | 24.83  |
| 10 E08K3       | 923940              | 17.09  | 975969              | 21.55  | 1.31878e+           | 24.85  |
| 11 BHCL1       | 886772              | 17.09  | 942913              | 21.53  | 1.31735e+           | 24.82  |
| 12 BHCM7       | 707924              | 17.09  | 801911              | 21.53  | 1.03998e+           | 24.81  |
| 13 SLCS406     | 967097              | 17.09  | 1.17442e+           | 21.53  | 1.45004e+           | 24.83  |

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.: BP080124 SAS No.: BP080124 SDG NO.: BP080124

EPA Sample No.: SSTD020721 Date Analyzed: Aug 2 2024 12:00AM

Lab File ID: BP021307.D Time Analyzed: 05:10

Instrument ID: BNA\_P GC Column: ZB-GR ID: 0.25 (mm)

|                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #  |
|----------------|---------------------|--------|---------------------|--------|---------------------|-------|
| 12 HOUR STD    | 739215              | 17.092 | 864039              | 21.527 | 1.10882e+01         | 24.81 |
| UPPER LIMIT    | 1478430             | 17.592 | 1728078             | 22.027 | 2217640             | 25.31 |
| LOWER LIMIT    | 369607.5            | 16.592 | 432019.5            | 21.027 | 554410              | 24.31 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |       |
| 01 SBLK408     | 691795              | 17.09  | 802999              | 21.54  | 1.04155e+           | 24.83 |
| 02 SBLK173     | 957026              | 17.09  | 1.11541e+           | 21.54  | 1.3851e+0           | 24.83 |
| 03 A4CM2       | 782254              | 17.09  | 990820              | 21.54  | 1.28592e+           | 24.85 |
| 04 A4CM2MS     | 889585              | 17.09  | 1.03486e+           | 21.54  | 1.26346e+           | 24.85 |
| 05 A4CM2MSD    | 921108              | 17.09  | 1.01853e+           | 21.53  | 1.27733e+           | 24.82 |
| 06 BHCM6       | 975440              | 17.09  | 1.11639e+           | 21.53  | 1.43874e+           | 24.83 |

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.: BP080124

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                             |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB162151BS    | 1,4-Dioxane                 | 530   | 320    | ug/Kg | 60  |     |      |      | 0   | 0      |  |     |
|               | Benzaldehyde                | 1300  | 910    | ug/Kg | 70  |     |      |      | 0   | 0      |  |     |
|               | Pyridine                    | 1300  | 740    | ug/Kg | 57  |     |      |      | 0   | 0      |  |     |
|               | Phenol                      | 1300  | 800    | ug/Kg | 62  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethyl)ether     | 1300  | 720    | ug/Kg | 55  |     |      |      | 0   | 0      |  |     |
|               | 2-Chlorophenol              | 1300  | 840    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylphenol              | 1300  | 770    | ug/Kg | 59  |     |      |      | 0   | 0      |  |     |
|               | 2,2-oxybis(1-Chloropropane) | 1300  | 610    | ug/Kg | 47  |     |      |      | 0   | 0      |  |     |
|               | Acetophenone                | 1300  | 760    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | 4-Methylphenol              | 1300  | 760    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | N-Nitroso-di-n-propylamine  | 1300  | 670    | ug/Kg | 52  |     |      |      | 0   | 0      |  |     |
|               | Hexachloroethane            | 1300  | 800    | ug/Kg | 62  |     |      |      | 0   | 0      |  |     |
|               | Nitrobenzene                | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | Isophorone                  | 1300  | 750    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitrophenol               | 1300  | 910    | ug/Kg | 70  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dimethylphenol          | 1300  | 630    | ug/Kg | 48  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethoxy)methane  | 1300  | 750    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dichlorophenol          | 1300  | 910    | ug/Kg | 70  |     |      |      | 0   | 0      |  |     |
|               | Naphthalene                 | 1300  | 870    | ug/Kg | 67  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloroaniline             | 1300  | 780    | ug/Kg | 60  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobutadiene         | 1300  | 930    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | Caprolactam                 | 1300  | 930    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloro-3-methylphenol     | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | 1-Methylnaphthalene         | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylnaphthalene         | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorocyclopentadiene   | 1300  | 310    | ug/Kg | 24  |     |      |      | 0   | 0      |  |     |
|               | 2,4,6-Trichlorophenol       | 1300  | 880    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 2,4,5-Trichlorophenol       | 1300  | 910    | ug/Kg | 70  |     |      |      | 0   | 0      |  |     |
|               | 1,1'-Biphenyl               | 1300  | 890    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 2-Chloronaphthalene         | 1300  | 900    | ug/Kg | 69  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitroaniline              | 1300  | 900    | ug/Kg | 69  |     |      |      | 0   | 0      |  |     |
|               | Dimethylphthalate           | 1300  | 890    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 2,6-Dinitrotoluene          | 1300  | 950    | ug/Kg | 73  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthylene              | 1300  | 870    | ug/Kg | 67  |     |      |      | 0   | 0      |  |     |
|               | 3-Nitroaniline              | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthene                | 1300  | 890    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrophenol           | 1300  | 920    | ug/Kg | 71  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitrophenol               | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Dibenzofuran                | 1300  | 930    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrotoluene          | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Diethylphthalate            | 1300  | 870    | ug/Kg | 67  |     |      |      | 0   | 0      |  |     |
|               | Fluorene                    | 1300  | 940    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | 4-Chlorophenyl-phenylether  | 1300  | 930    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitroaniline              | 1300  | 1400   | ug/Kg | 108 |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP080124

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB162151BS    | 4,6-Dinitro-2-methylphenol | 1300  | 940    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | N-Nitrosodiphenylamine     | 1300  | 870    | ug/Kg | 67  |     |      |      | 0   | 0      |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | 4-Bromophenyl-phenylether  | 1300  | 890    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobenzene          | 1300  | 960    | ug/Kg | 74  |     |      |      | 0   | 0      |  |     |
|               | Atrazine                   | 1300  | 410    | ug/Kg | 32  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorophenol          | 1300  | 810    | ug/Kg | 62  |     |      |      | 0   | 0      |  |     |
|               | Phenanthrene               | 1300  | 930    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorobenzene         | 1300  | 900    | ug/Kg | 69  |     |      |      | 0   | 0      |  |     |
|               | Anthracene                 | 1300  | 890    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 1,2,3,4-Tetrachlorobenzene | 1300  | 880    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | Carbazole                  | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Di-n-butylphthalate        | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | Fluoranthene               | 1300  | 730    | ug/Kg | 56  |     |      |      | 0   | 0      |  |     |
|               | Pyrene                     | 1300  | 750    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | Butylbenzylphthalate       | 1300  | 710    | ug/Kg | 55  |     |      |      | 0   | 0      |  |     |
|               | 3,3'-Dichlorobenzidine     | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)anthracene         | 1300  | 910    | ug/Kg | 70  |     |      |      | 0   | 0      |  |     |
|               | Chrysene                   | 1300  | 940    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-ethylhexyl)phthalate | 1300  | 700    | ug/Kg | 54  |     |      |      | 0   | 0      |  |     |
|               | Di-n-octylphthalate        | 1300  | 690    | ug/Kg | 53  |     |      |      | 0   | 0      |  |     |
|               | Benzo(b)fluoranthene       | 1300  | 920    | ug/Kg | 71  |     |      |      | 0   | 0      |  |     |
|               | Benzo(k)fluoranthene       | 1300  | 920    | ug/Kg | 71  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)pyrene             | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | Dibenzo(a,h)anthracene     | 1300  | 960    | ug/Kg | 74  |     |      |      | 0   | 0      |  |     |
|               | Benzo(g,h,i)perylene       | 1300  | 930    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 1300  | 890    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP080124

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|--|-----|
|               |                             |       |        |      |     |     |      | Qual | Low | High   |  |     |
| PB162406BS    | 1,4-Dioxane                 | 16    | 8.7    | ug/L | 54  |     |      |      | 0   | 0      |  |     |
|               | Benzaldehyde                | 40    | 24     | ug/L | 60  |     |      |      | 0   | 0      |  |     |
|               | Pyridine                    | 40    | 22     | ug/L | 55  |     |      |      | 0   | 0      |  |     |
|               | Phenol                      | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethyl)ether     | 40    | 23     | ug/L | 58  |     |      |      | 0   | 0      |  |     |
|               | 2-Chlorophenol              | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylphenol              | 40    | 24     | ug/L | 60  |     |      |      | 0   | 0      |  |     |
|               | 2,2-oxybis(1-Chloropropane) | 40    | 20     | ug/L | 50  |     |      |      | 0   | 0      |  |     |
|               | Acetophenone                | 40    | 24     | ug/L | 60  |     |      |      | 0   | 0      |  |     |
|               | 4-Methylphenol              | 40    | 24     | ug/L | 60  |     |      |      | 0   | 0      |  |     |
|               | N-Nitroso-di-n-propylamine  | 40    | 22     | ug/L | 55  |     |      |      | 0   | 0      |  |     |
|               | Hexachloroethane            | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |  |     |
|               | Nitrobenzene                | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Isophorone                  | 40    | 24     | ug/L | 60  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitrophenol               | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dimethylphenol          | 40    | 22     | ug/L | 55  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethoxy)methane  | 40    | 23     | ug/L | 58  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dichlorophenol          | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Naphthalene                 | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloroaniline             | 40    | 23     | ug/L | 58  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobutadiene         | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Caprolactam                 | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloro-3-methylphenol     | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 1-Methylnaphthalene         | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylnaphthalene         | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorocyclopentadiene   | 40    | 11     | ug/L | 28  |     |      |      | 0   | 0      |  |     |
|               | 2,4,6-Trichlorophenol       | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |  |     |
|               | 2,4,5-Trichlorophenol       | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 1,1'-Biphenyl               | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 2-Chloronaphthalene         | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitroaniline              | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Dimethylphthalate           | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 2,6-Dinitrotoluene          | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthylene              | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 3-Nitroaniline              | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthene                | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrophenol           | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitrophenol               | 40    | 34     | ug/L | 85  |     |      |      | 0   | 0      |  |     |
|               | Dibenzofuran                | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrotoluene          | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |  |     |
|               | Diethylphthalate            | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Fluorene                    | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | 4-Chlorophenyl-phenylether  | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitroaniline              | 40    | 41     | ug/L | 103 |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP080124

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |      |     |     |      | Qual | Low    | High |     |
| PB162406BS    | 4,6-Dinitro-2-methylphenol | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | N-Nitrosodiphenylamine     | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 1,2,4,5-Tetrachlorobenzene | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | 4-Bromophenyl-phenylether  | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Hexachlorobenzene          | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Atrazine                   | 40    | 2.7    | ug/L | 7   |     |      |      | 0      | 0    |     |
|               | Pentachlorophenol          | 40    | 21     | ug/L | 52  |     |      |      | 0      | 0    |     |
|               | Phenanthrene               | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Pentachlorobenzene         | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | Anthracene                 | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 1,2,3,4-Tetrachlorobenzene | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | Carbazole                  | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Di-n-butylphthalate        | 40    | 25     | ug/L | 63  |     |      |      | 0      | 0    |     |
|               | Fluoranthene               | 40    | 21     | ug/L | 52  |     |      |      | 0      | 0    |     |
|               | Pyrene                     | 40    | 22     | ug/L | 55  |     |      |      | 0      | 0    |     |
|               | Butylbenzylphthalate       | 40    | 20     | ug/L | 50  |     |      |      | 0      | 0    |     |
|               | 3,3'-Dichlorobenzidine     | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | Benzo(a)anthracene         | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Chrysene                   | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Bis(2-ethylhexyl)phthalate | 40    | 20     | ug/L | 50  |     |      |      | 0      | 0    |     |
|               | Di-n-octylphthalate        | 40    | 21     | ug/L | 52  |     |      |      | 0      | 0    |     |
|               | Benzo(b)fluoranthene       | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Benzo(k)fluoranthene       | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Benzo(a)pyrene             | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | Indeno(1,2,3-cd)pyrene     | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Dibenzo(a,h)anthracene     | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Benzo(g,h,i)perylene       | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 2,3,4,6-Tetrachlorophenol  | 40    | 24     | ug/L | 60  |     |      |      | 0      | 0    |     |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4CM7

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BP080124

SAS No.: BP080124 SDG NO.: BP080124

Lab File ID: BP021295.D

Lab Sample ID: P3264-19

Instrument ID: BNA\_P

Date Extracted: 07/18/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/01/2024

Level: (low/med) LOW

Time Analyzed: 18:51

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 |
|-------------------|------------------|----------------|------------------|
| A4CM7             | P3264-19         | BP021295.D     | 08/01/2024       |
| A4CN0MS           | P3264-25MS       | BP021296.D     | 08/01/2024       |
| A4CN0MSD          | P3264-26MSD      | BP021297.D     | 08/01/2024       |
| PB162151BS        | PB162151BS       | BP021298.D     | 08/01/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK173

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BP080124

SAS No.: BP080124 SDG NO.: BP080124

Lab File ID: BP021309.D

Lab Sample ID: PB162173BL

Instrument ID: BNA\_P

Date Extracted: 07/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/02/2024

Level: (low/med) LOW

Time Analyzed: 05:54

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 |
|-------------------|------------------|----------------|------------------|
| A4CM2             | P3283-01         | BP021310.D     | 08/02/2024       |
| A4CM2MS           | P3283-06MS       | BP021311.D     | 08/02/2024       |
| A4CM2MSD          | P3283-07MSD      | BP021312.D     | 08/02/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK406

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BP080124

SAS No.: BP080124 SDG NO.: BP080124

Lab File ID: BP021294.D

Lab Sample ID: PB162406BL

Instrument ID: BNA\_P

Date Extracted: 07/31/2024

Matrix: (soil/water) Water

Date Analyzed: 08/01/2024

Level: (low/med) LOW

Time Analyzed: 18:07

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 |
|-------------------|------------------|----------------|------------------|
| PB162406BS        | PB162406BS       | BP021306.D     | 08/02/2024       |
| E08K6             | P3398-04         | BP021299.D     | 08/01/2024       |
| E08K8             | P3398-06         | BP021300.D     | 08/01/2024       |
| E08L2             | P3398-08         | BP021301.D     | 08/01/2024       |
| E08L5             | P3398-10         | BP021302.D     | 08/02/2024       |
| E08K3             | P3398-01         | BP021303.D     | 08/02/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK408

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BP080124

SAS No.: BP080124 SDG NO.: BP080124

Lab File ID: BP021308.D

Lab Sample ID: PB162408BL

Instrument ID: BNA\_P

Date Extracted: 07/31/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/02/2024

Level: (low/med) LOW

Time Analyzed: 05:10

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 |
|-------------------|------------------|----------------|------------------|
| BHCM6             | P3397-04         | BP021313.D     | 08/02/2024       |
| BHCL1             | P3397-02         | BP021304.D     | 08/02/2024       |
| BHCM7             | P3397-07         | BP021305.D     | 08/02/2024       |

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

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BP080124

**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>P3283-06MS</b> | <b>Client Sample ID:</b> | <b>A4CM2MS</b> |       |     |          | <b>DataFile:</b> | <b>BP021311.D</b> |     |             |     |
| 1,4-Dioxane                 | 560               |                          | 370            | ug/Kg | 66  |          |                  |                   | 15  | 120         |     |
| Benzaldehyde                | 1400              |                          | 920            | ug/Kg | 66  |          |                  |                   | 0   | 0           |     |
| Pyridine                    | 1400              |                          | 850            | ug/Kg | 61  |          |                  |                   | 0   | 0           |     |
| Phenol                      | 1400              |                          | 970            | ug/Kg | 69  |          |                  |                   | 26  | 90          |     |
| Bis(2-chloroethyl)ether     | 1400              |                          | 860            | ug/Kg | 61  |          |                  |                   | 0   | 0           |     |
| 2-Chlorophenol              | 1400              |                          | 1000           | ug/Kg | 71  |          |                  |                   | 25  | 102         |     |
| 2-Methylphenol              | 1400              |                          | 930            | ug/Kg | 66  |          |                  |                   | 0   | 0           |     |
| 2,2-oxybis(1-Chloropropane) | 1400              |                          | 750            | ug/Kg | 54  |          |                  |                   | 0   | 0           |     |
| Acetophenone                | 1400              |                          | 920            | ug/Kg | 66  |          |                  |                   | 0   | 0           |     |
| 4-Methylphenol              | 1400              |                          | 940            | ug/Kg | 67  |          |                  |                   | 0   | 0           |     |
| N-Nitroso-di-n-propylamine  | 1400              |                          | 820            | ug/Kg | 59  |          |                  |                   | 41  | 126         |     |
| Hexachloroethane            | 1400              |                          | 910            | ug/Kg | 65  |          |                  |                   | 0   | 0           |     |
| Nitrobenzene                | 1400              |                          | 990            | ug/Kg | 71  |          |                  |                   | 0   | 0           |     |
| Isophorone                  | 1400              |                          | 900            | ug/Kg | 64  |          |                  |                   | 0   | 0           |     |
| 2-Nitrophenol               | 1400              |                          | 1100           | ug/Kg | 79  |          |                  |                   | 0   | 0           |     |
| 2,4-Dimethylphenol          | 1400              |                          | 680            | ug/Kg | 49  |          |                  |                   | 0   | 0           |     |
| Bis(2-chloroethoxy)methane  | 1400              |                          | 900            | ug/Kg | 64  |          |                  |                   | 0   | 0           |     |
| 2,4-Dichlorophenol          | 1400              |                          | 1100           | ug/Kg | 79  |          |                  |                   | 0   | 0           |     |
| Naphthalene                 | 1400              |                          | 1000           | ug/Kg | 71  |          |                  |                   | 0   | 0           |     |
| 4-Chloroaniline             | 1400              |                          | 690            | ug/Kg | 49  |          |                  |                   | 0   | 0           |     |
| Hexachlorobutadiene         | 1400              |                          | 1100           | ug/Kg | 79  |          |                  |                   | 0   | 0           |     |
| Caprolactam                 | 1400              |                          | 1000           | ug/Kg | 71  |          |                  |                   | 0   | 0           |     |
| 4-Chloro-3-methylphenol     | 1400              |                          | 1100           | ug/Kg | 79  |          |                  |                   | 26  | 103         |     |
| 1-Methylnaphthalene         | 1400              |                          | 1000           | ug/Kg | 71  |          |                  |                   | 0   | 0           |     |
| 2-Methylnaphthalene         | 1400              |                          | 1000           | ug/Kg | 71  |          |                  |                   | 0   | 0           |     |
| Hexachlorocyclopentadiene   | 1400              |                          | 440            | ug/Kg | 31  |          |                  |                   | 0   | 0           |     |
| 2,4,6-Trichlorophenol       | 1400              |                          | 1100           | ug/Kg | 79  |          |                  |                   | 0   | 0           |     |
| 2,4,5-Trichlorophenol       | 1400              |                          | 1100           | ug/Kg | 79  |          |                  |                   | 0   | 0           |     |
| 1,1'-Biphenyl               | 1400              |                          | 1000           | ug/Kg | 71  |          |                  |                   | 0   | 0           |     |
| 2-Chloronaphthalene         | 1400              |                          | 1000           | ug/Kg | 71  |          |                  |                   | 0   | 0           |     |
| 2-Nitroaniline              | 1400              |                          | 1000           | ug/Kg | 71  |          |                  |                   | 0   | 0           |     |
| Dimethylphthalate           | 1400              |                          | 980            | ug/Kg | 70  |          |                  |                   | 0   | 0           |     |
| 2,6-Dinitrotoluene          | 1400              |                          | 1100           | ug/Kg | 79  |          |                  |                   | 0   | 0           |     |
| Acenaphthylene              | 1400              |                          | 990            | ug/Kg | 71  |          |                  |                   | 0   | 0           |     |
| 3-Nitroaniline              | 1400              |                          | 1100           | ug/Kg | 79  |          |                  |                   | 0   | 0           |     |
| Acenaphthene                | 1400              |                          | 1000           | ug/Kg | 71  |          |                  |                   | 31  | 137         |     |
| 2,4-Dinitrophenol           | 1400              |                          | 1100           | ug/Kg | 79  |          |                  |                   | 0   | 0           |     |
| 4-Nitrophenol               | 1400              |                          | 1400           | ug/Kg | 100 |          |                  |                   | 11  | 114         |     |
| Dibenzofuran                | 1400              |                          | 1100           | ug/Kg | 79  |          |                  |                   | 0   | 0           |     |
| 2,4-Dinitrotoluene          | 1400              |                          | 1100           | ug/Kg | 79  |          |                  |                   | 28  | 89          |     |
| Diethylphthalate            | 1400              |                          | 960            | ug/Kg | 69  |          |                  |                   | 0   | 0           |     |
| Fluorene                    | 1400              |                          | 1100           | ug/Kg | 79  |          |                  |                   | 0   | 0           |     |
| 4-Chlorophenyl-phenylether  | 1400              |                          | 1000           | ug/Kg | 71  |          |                  |                   | 0   | 0           |     |
| 4-Nitroaniline              | 1400              |                          | 1400           | ug/Kg | 100 |          |                  |                   | 0   | 0           |     |
| 4,6-Dinitro-2-methylphenol  | 1400              |                          | 1100           | ug/Kg | 79  |          |                  |                   | 0   | 0           |     |
| N-Nitrosodiphenylamine      | 1400              |                          | 960            | ug/Kg | 69  |          |                  |                   | 0   | 0           |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BP080124

**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 | 1400  |                  | 1100   | ug/Kg | 79  |             |     |             | 0   | 0              |     |
| 4-Bromophenyl-phenylether  | 1400  |                  | 990    | ug/Kg | 71  |             |     |             | 0   | 0              |     |
| Hexachlorobenzene          | 1400  |                  | 1100   | ug/Kg | 79  |             |     |             | 0   | 0              |     |
| Atrazine                   | 1400  |                  | 720    | ug/Kg | 51  |             |     |             | 0   | 0              |     |
| Pentachlorophenol          | 1400  |                  | 1000   | ug/Kg | 71  |             |     |             | 17  | 109            |     |
| Phenanthrene               | 1400  |                  | 1000   | ug/Kg | 71  |             |     |             | 0   | 0              |     |
| Pentachlorobenzene         | 1400  |                  | 1000   | ug/Kg | 71  |             |     |             | 0   | 0              |     |
| Anthracene                 | 1400  |                  | 990    | ug/Kg | 71  |             |     |             | 0   | 0              |     |
| 1,2,3,4-Tetrachlorobenzene | 1400  |                  | 980    | ug/Kg | 70  |             |     |             | 0   | 0              |     |
| Carbazole                  | 1400  |                  | 1200   | ug/Kg | 86  |             |     |             | 0   | 0              |     |
| Di-n-butylphthalate        | 1400  |                  | 950    | ug/Kg | 68  |             |     |             | 0   | 0              |     |
| Fluoranthene               | 1400  |                  | 840    | ug/Kg | 60  |             |     |             | 0   | 0              |     |
| Pyrene                     | 1400  |                  | 890    | ug/Kg | 64  |             |     |             | 35  | 142            |     |
| Butylbenzylphthalate       | 1400  |                  | 820    | ug/Kg | 59  |             |     |             | 0   | 0              |     |
| 3,3'-Dichlorobenzidine     | 1400  |                  | 340    | ug/Kg | 24  |             |     |             | 0   | 0              |     |
| Benzo(a)anthracene         | 1400  |                  | 1000   | ug/Kg | 71  |             |     |             | 0   | 0              |     |
| Chrysene                   | 1400  |                  | 1100   | ug/Kg | 79  |             |     |             | 0   | 0              |     |
| Bis(2-ethylhexyl)phthalate | 1400  |                  | 810    | ug/Kg | 58  |             |     |             | 0   | 0              |     |
| Di-n-octylphthalate        | 1400  |                  | 820    | ug/Kg | 59  |             |     |             | 0   | 0              |     |
| Benzo(b)fluoranthene       | 1400  |                  | 1000   | ug/Kg | 71  |             |     |             | 0   | 0              |     |
| Benzo(k)fluoranthene       | 1400  |                  | 1000   | ug/Kg | 71  |             |     |             | 0   | 0              |     |
| Benzo(a)pyrene             | 1400  |                  | 920    | ug/Kg | 66  |             |     |             | 0   | 0              |     |
| Indeno(1,2,3-cd)pyrene     | 1400  |                  | 1100   | ug/Kg | 79  |             |     |             | 0   | 0              |     |
| Dibenzo(a,h)anthracene     | 1400  |                  | 1100   | ug/Kg | 79  |             |     |             | 0   | 0              |     |
| Benzo(g,h,i)perylene       | 1400  |                  | 1000   | ug/Kg | 71  |             |     |             | 0   | 0              |     |
| 2,3,4,6-Tetrachlorophenol  | 1400  |                  | 1100   | ug/Kg | 79  |             |     |             | 0   | 0              |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BP080124

**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>P3283-07MSD</b> | <b>Client Sample ID:</b> | <b>A4CM2MSD</b> |       |     |          |     | <b>DataFile:</b> | <b>BP021312.D</b> |             |     |
| 1,4-Dioxane                 | 560                |                          | 360             | ug/Kg | 64  | 3        |     |                  | 15                | 120         | 50  |
| Benzaldehyde                | 1400               |                          | 950             | ug/Kg | 68  | 3        | *   |                  | 0                 | 0           | 0   |
| Pyridine                    | 1400               |                          | 890             | ug/Kg | 64  | 5        | *   |                  | 0                 | 0           | 0   |
| Phenol                      | 1400               |                          | 1000            | ug/Kg | 71  | 3        |     |                  | 26                | 90          | 35  |
| Bis(2-chloroethyl)ether     | 1400               |                          | 890             | ug/Kg | 64  | 5        | *   |                  | 0                 | 0           | 0   |
| 2-Chlorophenol              | 1400               |                          | 1100            | ug/Kg | 79  | 11       |     |                  | 25                | 102         | 50  |
| 2-Methylphenol              | 1400               |                          | 960             | ug/Kg | 69  | 4        | *   |                  | 0                 | 0           | 0   |
| 2,2-oxybis(1-Chloropropane) | 1400               |                          | 770             | ug/Kg | 55  | 2        | *   |                  | 0                 | 0           | 0   |
| Acetophenone                | 1400               |                          | 960             | ug/Kg | 69  | 4        | *   |                  | 0                 | 0           | 0   |
| 4-Methylphenol              | 1400               |                          | 1000            | ug/Kg | 71  | 6        | *   |                  | 0                 | 0           | 0   |
| N-Nitroso-di-n-propylamine  | 1400               |                          | 850             | ug/Kg | 61  | 3        |     |                  | 41                | 126         | 38  |
| Hexachloroethane            | 1400               |                          | 950             | ug/Kg | 68  | 5        | *   |                  | 0                 | 0           | 0   |
| Nitrobenzene                | 1400               |                          | 1000            | ug/Kg | 71  | 0        |     |                  | 0                 | 0           | 0   |
| Isophorone                  | 1400               |                          | 930             | ug/Kg | 66  | 3        | *   |                  | 0                 | 0           | 0   |
| 2-Nitrophenol               | 1400               |                          | 1100            | ug/Kg | 79  | 0        |     |                  | 0                 | 0           | 0   |
| 2,4-Dimethylphenol          | 1400               |                          | 690             | ug/Kg | 49  | 0        |     |                  | 0                 | 0           | 0   |
| Bis(2-chloroethoxy)methane  | 1400               |                          | 930             | ug/Kg | 66  | 3        | *   |                  | 0                 | 0           | 0   |
| 2,4-Dichlorophenol          | 1400               |                          | 1100            | ug/Kg | 79  | 0        |     |                  | 0                 | 0           | 0   |
| Naphthalene                 | 1400               |                          | 1100            | ug/Kg | 79  | 11       | *   |                  | 0                 | 0           | 0   |
| 4-Chloroaniline             | 1400               |                          | 700             | ug/Kg | 50  | 2        | *   |                  | 0                 | 0           | 0   |
| Hexachlorobutadiene         | 1400               |                          | 1100            | ug/Kg | 79  | 0        |     |                  | 0                 | 0           | 0   |
| Caprolactam                 | 1400               |                          | 1100            | ug/Kg | 79  | 11       | *   |                  | 0                 | 0           | 0   |
| 4-Chloro-3-methylphenol     | 1400               |                          | 1100            | ug/Kg | 79  | 0        |     |                  | 26                | 103         | 33  |
| 1-Methylnaphthalene         | 1400               |                          | 1100            | ug/Kg | 79  | 11       | *   |                  | 0                 | 0           | 0   |
| 2-Methylnaphthalene         | 1400               |                          | 1100            | ug/Kg | 79  | 11       | *   |                  | 0                 | 0           | 0   |
| Hexachlorocyclopentadiene   | 1400               |                          | 450             | ug/Kg | 32  | 3        | *   |                  | 0                 | 0           | 0   |
| 2,4,6-Trichlorophenol       | 1400               |                          | 1100            | ug/Kg | 79  | 0        |     |                  | 0                 | 0           | 0   |
| 2,4,5-Trichlorophenol       | 1400               |                          | 1100            | ug/Kg | 79  | 0        |     |                  | 0                 | 0           | 0   |
| 1,1'-Biphenyl               | 1400               |                          | 1000            | ug/Kg | 71  | 0        |     |                  | 0                 | 0           | 0   |
| 2-Chloronaphthalene         | 1400               |                          | 1100            | ug/Kg | 79  | 11       | *   |                  | 0                 | 0           | 0   |
| 2-Nitroaniline              | 1400               |                          | 1100            | ug/Kg | 79  | 11       | *   |                  | 0                 | 0           | 0   |
| Dimethylphthalate           | 1400               |                          | 1000            | ug/Kg | 71  | 1        | *   |                  | 0                 | 0           | 0   |
| 2,6-Dinitrotoluene          | 1400               |                          | 1100            | ug/Kg | 79  | 0        |     |                  | 0                 | 0           | 0   |
| Acenaphthylene              | 1400               |                          | 1100            | ug/Kg | 79  | 11       | *   |                  | 0                 | 0           | 0   |
| 3-Nitroaniline              | 1400               |                          | 1200            | ug/Kg | 86  | 8        | *   |                  | 0                 | 0           | 0   |
| Acenaphthene                | 1400               |                          | 1100            | ug/Kg | 79  | 11       |     |                  | 31                | 137         | 19  |
| 2,4-Dinitrophenol           | 1400               |                          | 1200            | ug/Kg | 86  | 8        | *   |                  | 0                 | 0           | 0   |
| 4-Nitrophenol               | 1400               |                          | 1300            | ug/Kg | 93  | 7        |     |                  | 11                | 114         | 50  |
| Dibenzofuran                | 1400               |                          | 1100            | ug/Kg | 79  | 0        |     |                  | 0                 | 0           | 0   |
| 2,4-Dinitrotoluene          | 1400               |                          | 1200            | ug/Kg | 86  | 8        |     |                  | 28                | 89          | 47  |
| Diethylphthalate            | 1400               |                          | 1000            | ug/Kg | 71  | 3        | *   |                  | 0                 | 0           | 0   |
| Fluorene                    | 1400               |                          | 1100            | ug/Kg | 79  | 0        |     |                  | 0                 | 0           | 0   |
| 4-Chlorophenyl-phenylether  | 1400               |                          | 1100            | ug/Kg | 79  | 11       | *   |                  | 0                 | 0           | 0   |
| 4-Nitroaniline              | 1400               |                          | 1500            | ug/Kg | 107 | 7        | *   |                  | 0                 | 0           | 0   |
| 4,6-Dinitro-2-methylphenol  | 1400               |                          | 1100            | ug/Kg | 79  | 0        |     |                  | 0                 | 0           | 0   |
| N-Nitrosodiphenylamine      | 1400               |                          | 1000            | ug/Kg | 71  | 3        | *   |                  | 0                 | 0           | 0   |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BP080124

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

**Analytical Method:** SFAM\_SVOC

| Parameter                  | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|----------------------------|-------|---------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| 1,2,4,5-Tetrachlorobenzene | 1400  |               | 1100   | ug/Kg | 79  |          | 0   |          | 0   | 0           | 0   |
| 4-Bromophenyl-phenylether  | 1400  |               | 1000   | ug/Kg | 71  |          | 0   |          | 0   | 0           | 0   |
| Hexachlorobenzene          | 1400  |               | 1100   | ug/Kg | 79  |          | 0   |          | 0   | 0           | 0   |
| Atrazine                   | 1400  |               | 740    | ug/Kg | 53  |          | 4   | *        | 0   | 0           | 0   |
| Pentachlorophenol          | 1400  |               | 1000   | ug/Kg | 71  |          | 0   |          | 17  | 109         | 47  |
| Phenanthrene               | 1400  |               | 1100   | ug/Kg | 79  |          | 11  | *        | 0   | 0           | 0   |
| Pentachlorobenzene         | 1400  |               | 1000   | ug/Kg | 71  |          | 0   |          | 0   | 0           | 0   |
| Anthracene                 | 1400  |               | 1000   | ug/Kg | 71  |          | 0   |          | 0   | 0           | 0   |
| 1,2,3,4-Tetrachlorobenzene | 1400  |               | 990    | ug/Kg | 71  |          | 1   | *        | 0   | 0           | 0   |
| Carbazole                  | 1400  |               | 1200   | ug/Kg | 86  |          | 0   |          | 0   | 0           | 0   |
| Di-n-butylphthalate        | 1400  |               | 970    | ug/Kg | 69  |          | 1   | *        | 0   | 0           | 0   |
| Fluoranthene               | 1400  |               | 900    | ug/Kg | 64  |          | 6   | *        | 0   | 0           | 0   |
| Pyrene                     | 1400  |               | 930    | ug/Kg | 66  |          | 3   |          | 35  | 142         | 36  |
| Butylbenzylphthalate       | 1400  |               | 830    | ug/Kg | 59  |          | 0   |          | 0   | 0           | 0   |
| 3,3'-Dichlorobenzidine     | 1400  |               | 380    | ug/Kg | 27  |          | 12  | *        | 0   | 0           | 0   |
| Benzo(a)anthracene         | 1400  |               | 1100   | ug/Kg | 79  |          | 11  | *        | 0   | 0           | 0   |
| Chrysene                   | 1400  |               | 1100   | ug/Kg | 79  |          | 0   |          | 0   | 0           | 0   |
| Bis(2-ethylhexyl)phthalate | 1400  |               | 810    | ug/Kg | 58  |          | 0   |          | 0   | 0           | 0   |
| Di-n-octylphthalate        | 1400  |               | 820    | ug/Kg | 59  |          | 0   |          | 0   | 0           | 0   |
| Benzo(b)fluoranthene       | 1400  |               | 1100   | ug/Kg | 79  |          | 11  | *        | 0   | 0           | 0   |
| Benzo(k)fluoranthene       | 1400  |               | 1100   | ug/Kg | 79  |          | 11  | *        | 0   | 0           | 0   |
| Benzo(a)pyrene             | 1400  |               | 950    | ug/Kg | 68  |          | 3   | *        | 0   | 0           | 0   |
| Indeno(1,2,3-cd)pyrene     | 1400  |               | 1100   | ug/Kg | 79  |          | 0   |          | 0   | 0           | 0   |
| Dibenzo(a,h)anthracene     | 1400  |               | 1100   | ug/Kg | 79  |          | 0   |          | 0   | 0           | 0   |
| Benzo(g,h,i)perylene       | 1400  |               | 1000   | ug/Kg | 71  |          | 0   |          | 0   | 0           | 0   |
| 2,3,4,6-Tetrachlorophenol  | 1400  |               | 1200   | ug/Kg | 86  |          | 8   | *        | 0   | 0           | 0   |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BP080124

**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>P3264-25MS</b> | <b>Client Sample ID:</b> | <b>A4CN0MS</b> |       |     |          | <b>DataFile:</b> | <b>BP021296.D</b> |     |             |     |
| 1,4-Dioxane                 | 740               |                          | 270            | ug/Kg | 36  |          |                  |                   | 15  | 120         |     |
| Benzaldehyde                | 1900              |                          | 850            | ug/Kg | 45  |          |                  |                   | 0   | 0           |     |
| Pyridine                    | 1900              |                          | 680            | ug/Kg | 36  |          |                  |                   | 0   | 0           |     |
| Phenol                      | 1900              |                          | 930            | ug/Kg | 49  |          |                  |                   | 26  | 90          |     |
| Bis(2-chloroethyl)ether     | 1900              |                          | 840            | ug/Kg | 44  |          |                  |                   | 0   | 0           |     |
| 2-Chlorophenol              | 1900              |                          | 930            | ug/Kg | 49  |          |                  |                   | 25  | 102         |     |
| 2-Methylphenol              | 1900              |                          | 910            | ug/Kg | 48  |          |                  |                   | 0   | 0           |     |
| 2,2-oxybis(1-Chloropropane) | 1900              |                          | 730            | ug/Kg | 38  |          |                  |                   | 0   | 0           |     |
| Acetophenone                | 1900              |                          | 950            | ug/Kg | 50  |          |                  |                   | 0   | 0           |     |
| 4-Methylphenol              | 1900              |                          | 930            | ug/Kg | 49  |          |                  |                   | 0   | 0           |     |
| N-Nitroso-di-n-propylamine  | 1900              |                          | 870            | ug/Kg | 46  |          |                  |                   | 41  | 126         |     |
| Hexachloroethane            | 1900              |                          | 840            | ug/Kg | 44  |          |                  |                   | 0   | 0           |     |
| Nitrobenzene                | 1900              |                          | 980            | ug/Kg | 52  |          |                  |                   | 0   | 0           |     |
| Isophorone                  | 1900              |                          | 980            | ug/Kg | 52  |          |                  |                   | 0   | 0           |     |
| 2-Nitrophenol               | 1900              |                          | 1100           | ug/Kg | 58  |          |                  |                   | 0   | 0           |     |
| 2,4-Dimethylphenol          | 1900              |                          | 720            | ug/Kg | 38  |          |                  |                   | 0   | 0           |     |
| Bis(2-chloroethoxy)methane  | 1900              |                          | 940            | ug/Kg | 49  |          |                  |                   | 0   | 0           |     |
| 2,4-Dichlorophenol          | 1900              |                          | 1100           | ug/Kg | 58  |          |                  |                   | 0   | 0           |     |
| Naphthalene                 | 1900              |                          | 1100           | ug/Kg | 58  |          |                  |                   | 0   | 0           |     |
| 4-Chloroaniline             | 1900              |                          | 860            | ug/Kg | 45  |          |                  |                   | 0   | 0           |     |
| Hexachlorobutadiene         | 1900              |                          | 1100           | ug/Kg | 58  |          |                  |                   | 0   | 0           |     |
| Caprolactam                 | 1900              |                          | 1200           | ug/Kg | 63  |          |                  |                   | 0   | 0           |     |
| 4-Chloro-3-methylphenol     | 1900              |                          | 1200           | ug/Kg | 63  |          |                  |                   | 26  | 103         |     |
| 1-Methylnaphthalene         | 1900              |                          | 1100           | ug/Kg | 58  |          |                  |                   | 0   | 0           |     |
| 2-Methylnaphthalene         | 1900              |                          | 1100           | ug/Kg | 58  |          |                  |                   | 0   | 0           |     |
| Hexachlorocyclopentadiene   | 1900              |                          | 270            | ug/Kg | 14  |          |                  |                   | 0   | 0           |     |
| 2,4,6-Trichlorophenol       | 1900              |                          | 1200           | ug/Kg | 63  |          |                  |                   | 0   | 0           |     |
| 2,4,5-Trichlorophenol       | 1900              |                          | 1200           | ug/Kg | 63  |          |                  |                   | 0   | 0           |     |
| 1,1'-Biphenyl               | 1900              |                          | 1100           | ug/Kg | 58  |          |                  |                   | 0   | 0           |     |
| 2-Chloronaphthalene         | 1900              |                          | 1100           | ug/Kg | 58  |          |                  |                   | 0   | 0           |     |
| 2-Nitroaniline              | 1900              |                          | 1200           | ug/Kg | 63  |          |                  |                   | 0   | 0           |     |
| Dimethylphthalate           | 1900              |                          | 1200           | ug/Kg | 63  |          |                  |                   | 0   | 0           |     |
| 2,6-Dinitrotoluene          | 1900              |                          | 1200           | ug/Kg | 63  |          |                  |                   | 0   | 0           |     |
| Acenaphthylene              | 1900              |                          | 1100           | ug/Kg | 58  |          |                  |                   | 0   | 0           |     |
| 3-Nitroaniline              | 1900              |                          | 1300           | ug/Kg | 68  |          |                  |                   | 0   | 0           |     |
| Acenaphthene                | 1900              |                          | 1200           | ug/Kg | 63  |          |                  |                   | 31  | 137         |     |
| 2,4-Dinitrophenol           | 1900              |                          | 1100           | ug/Kg | 58  |          |                  |                   | 0   | 0           |     |
| 4-Nitrophenol               | 1900              |                          | 1400           | ug/Kg | 74  |          |                  |                   | 11  | 114         |     |
| Dibenzofuran                | 1900              |                          | 1200           | ug/Kg | 63  |          |                  |                   | 0   | 0           |     |
| 2,4-Dinitrotoluene          | 1900              |                          | 1300           | ug/Kg | 68  |          |                  |                   | 28  | 89          |     |
| Diethylphthalate            | 1900              |                          | 1100           | ug/Kg | 58  |          |                  |                   | 0   | 0           |     |
| Fluorene                    | 1900              |                          | 1200           | ug/Kg | 63  |          |                  |                   | 0   | 0           |     |
| 4-Chlorophenyl-phenylether  | 1900              |                          | 1200           | ug/Kg | 63  |          |                  |                   | 0   | 0           |     |
| 4-Nitroaniline              | 1900              |                          | 1600           | ug/Kg | 84  |          |                  |                   | 0   | 0           |     |
| 4,6-Dinitro-2-methylphenol  | 1900              |                          | 1200           | ug/Kg | 63  |          |                  |                   | 0   | 0           |     |
| N-Nitrosodiphenylamine      | 1900              |                          | 1200           | ug/Kg | 63  |          |                  |                   | 0   | 0           |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BP080124

**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 | 1900  |                  | 1200   | ug/Kg | 63  |             |     |             | 0   | 0              |     |
| 4-Bromophenyl-phenylether  | 1900  |                  | 1200   | ug/Kg | 63  |             |     |             | 0   | 0              |     |
| Hexachlorobenzene          | 1900  |                  | 1300   | ug/Kg | 68  |             |     |             | 0   | 0              |     |
| Atrazine                   | 1900  |                  | 870    | ug/Kg | 46  |             |     |             | 0   | 0              |     |
| Pentachlorophenol          | 1900  |                  | 1200   | ug/Kg | 63  |             |     |             | 17  | 109            |     |
| Phenanthrene               | 1900  | 130              | 1300   | ug/Kg | 62  |             |     |             | 0   | 0              |     |
| Pentachlorobenzene         | 1900  |                  | 1200   | ug/Kg | 63  |             |     |             | 0   | 0              |     |
| Anthracene                 | 1900  |                  | 1200   | ug/Kg | 63  |             |     |             | 0   | 0              |     |
| 1,2,3,4-Tetrachlorobenzene | 1900  |                  | 1100   | ug/Kg | 58  |             |     |             | 0   | 0              |     |
| Carbazole                  | 1900  |                  | 1400   | ug/Kg | 74  |             |     |             | 0   | 0              |     |
| Di-n-butylphthalate        | 1900  |                  | 1100   | ug/Kg | 58  |             |     |             | 0   | 0              |     |
| Fluoranthene               | 1900  | 150              | 1000   | ug/Kg | 45  |             |     |             | 0   | 0              |     |
| Pyrene                     | 1900  | 130              | 1100   | ug/Kg | 51  |             |     |             | 35  | 142            |     |
| Butylbenzylphthalate       | 1900  |                  | 940    | ug/Kg | 49  |             |     |             | 0   | 0              |     |
| 3,3'-Dichlorobenzidine     | 1900  |                  | 1100   | ug/Kg | 58  |             |     |             | 0   | 0              |     |
| Benzo(a)anthracene         | 1900  | 66               | 1200   | ug/Kg | 60  |             |     |             | 0   | 0              |     |
| Chrysene                   | 1900  | 71               | 1300   | ug/Kg | 65  |             |     |             | 0   | 0              |     |
| Bis(2-ethylhexyl)phthalate | 1900  |                  | 900    | ug/Kg | 47  |             |     |             | 0   | 0              |     |
| Di-n-octylphthalate        | 1900  |                  | 920    | ug/Kg | 48  |             |     |             | 0   | 0              |     |
| Benzo(b)fluoranthene       | 1900  | 80               | 1200   | ug/Kg | 59  |             |     |             | 0   | 0              |     |
| Benzo(k)fluoranthene       | 1900  |                  | 1200   | ug/Kg | 63  |             |     |             | 0   | 0              |     |
| Benzo(a)pyrene             | 1900  | 65               | 1100   | ug/Kg | 54  |             |     |             | 0   | 0              |     |
| Indeno(1,2,3-cd)pyrene     | 1900  |                  | 1300   | ug/Kg | 68  |             |     |             | 0   | 0              |     |
| Dibenzo(a,h)anthracene     | 1900  |                  | 1300   | ug/Kg | 68  |             |     |             | 0   | 0              |     |
| Benzo(g,h,i)perylene       | 1900  | 51               | 1300   | ug/Kg | 66  |             |     |             | 0   | 0              |     |
| 2,3,4,6-Tetrachlorophenol  | 1900  |                  | 1300   | ug/Kg | 68  |             |     |             | 0   | 0              |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BP080124

**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>P3264-26MSD</b> | <b>Client Sample ID:</b> | <b>A4CN0MSD</b> |       |     |          |     | <b>DataFile:</b> | <b>BP021297.D</b> |             |     |
| 1,4-Dioxane                 | 740                |                          | 300             | ug/Kg | 41  |          | 13  |                  | 15                | 120         | 50  |
| Benzaldehyde                | 1900               |                          | 970             | ug/Kg | 51  |          | 13  | *                | 0                 | 0           | 0   |
| Pyridine                    | 1900               |                          | 720             | ug/Kg | 38  |          | 5   | *                | 0                 | 0           | 0   |
| Phenol                      | 1900               |                          | 1000            | ug/Kg | 53  |          | 8   |                  | 26                | 90          | 35  |
| Bis(2-chloroethyl)ether     | 1900               |                          | 920             | ug/Kg | 48  |          | 9   | *                | 0                 | 0           | 0   |
| 2-Chlorophenol              | 1900               |                          | 1000            | ug/Kg | 53  |          | 8   |                  | 25                | 102         | 50  |
| 2-Methylphenol              | 1900               |                          | 1000            | ug/Kg | 53  |          | 10  | *                | 0                 | 0           | 0   |
| 2,2-oxybis(1-Chloropropane) | 1900               |                          | 800             | ug/Kg | 42  |          | 10  | *                | 0                 | 0           | 0   |
| Acetophenone                | 1900               |                          | 1000            | ug/Kg | 53  |          | 6   | *                | 0                 | 0           | 0   |
| 4-Methylphenol              | 1900               |                          | 1000            | ug/Kg | 53  |          | 8   | *                | 0                 | 0           | 0   |
| N-Nitroso-di-n-propylamine  | 1900               |                          | 940             | ug/Kg | 49  |          | 6   |                  | 41                | 126         | 38  |
| Hexachloroethane            | 1900               |                          | 920             | ug/Kg | 48  |          | 9   | *                | 0                 | 0           | 0   |
| Nitrobenzene                | 1900               |                          | 1100            | ug/Kg | 58  |          | 11  | *                | 0                 | 0           | 0   |
| Isophorone                  | 1900               |                          | 1100            | ug/Kg | 58  |          | 11  | *                | 0                 | 0           | 0   |
| 2-Nitrophenol               | 1900               |                          | 1200            | ug/Kg | 63  |          | 8   | *                | 0                 | 0           | 0   |
| 2,4-Dimethylphenol          | 1900               |                          | 750             | ug/Kg | 39  |          | 3   | *                | 0                 | 0           | 0   |
| Bis(2-chloroethoxy)methane  | 1900               |                          | 1000            | ug/Kg | 53  |          | 8   | *                | 0                 | 0           | 0   |
| 2,4-Dichlorophenol          | 1900               |                          | 1200            | ug/Kg | 63  |          | 8   | *                | 0                 | 0           | 0   |
| Naphthalene                 | 1900               |                          | 1200            | ug/Kg | 63  |          | 8   | *                | 0                 | 0           | 0   |
| 4-Chloroaniline             | 1900               |                          | 920             | ug/Kg | 48  |          | 6   | *                | 0                 | 0           | 0   |
| Hexachlorobutadiene         | 1900               |                          | 1200            | ug/Kg | 63  |          | 8   | *                | 0                 | 0           | 0   |
| Caprolactam                 | 1900               |                          | 1400            | ug/Kg | 74  |          | 16  | *                | 0                 | 0           | 0   |
| 4-Chloro-3-methylphenol     | 1900               |                          | 1200            | ug/Kg | 63  |          | 0   |                  | 26                | 103         | 33  |
| 1-Methylnaphthalene         | 1900               |                          | 1200            | ug/Kg | 63  |          | 8   | *                | 0                 | 0           | 0   |
| 2-Methylnaphthalene         | 1900               |                          | 1200            | ug/Kg | 63  |          | 8   | *                | 0                 | 0           | 0   |
| Hexachlorocyclopentadiene   | 1900               |                          | 340             | ug/Kg | 18  |          | 25  | *                | 0                 | 0           | 0   |
| 2,4,6-Trichlorophenol       | 1900               |                          | 1300            | ug/Kg | 68  |          | 8   | *                | 0                 | 0           | 0   |
| 2,4,5-Trichlorophenol       | 1900               |                          | 1300            | ug/Kg | 68  |          | 8   | *                | 0                 | 0           | 0   |
| 1,1'-Biphenyl               | 1900               |                          | 1200            | ug/Kg | 63  |          | 8   | *                | 0                 | 0           | 0   |
| 2-Chloronaphthalene         | 1900               |                          | 1200            | ug/Kg | 63  |          | 8   | *                | 0                 | 0           | 0   |
| 2-Nitroaniline              | 1900               |                          | 1200            | ug/Kg | 63  |          | 0   |                  | 0                 | 0           | 0   |
| Dimethylphthalate           | 1900               |                          | 1200            | ug/Kg | 63  |          | 0   |                  | 0                 | 0           | 0   |
| 2,6-Dinitrotoluene          | 1900               |                          | 1300            | ug/Kg | 68  |          | 8   | *                | 0                 | 0           | 0   |
| Acenaphthylene              | 1900               |                          | 1200            | ug/Kg | 63  |          | 8   | *                | 0                 | 0           | 0   |
| 3-Nitroaniline              | 1900               |                          | 1400            | ug/Kg | 74  |          | 8   | *                | 0                 | 0           | 0   |
| Acenaphthene                | 1900               |                          | 1200            | ug/Kg | 63  |          | 0   |                  | 31                | 137         | 19  |
| 2,4-Dinitrophenol           | 1900               |                          | 1200            | ug/Kg | 63  |          | 8   | *                | 0                 | 0           | 0   |
| 4-Nitrophenol               | 1900               |                          | 1400            | ug/Kg | 74  |          | 0   |                  | 11                | 114         | 50  |
| Dibenzofuran                | 1900               |                          | 1300            | ug/Kg | 68  |          | 8   | *                | 0                 | 0           | 0   |
| 2,4-Dinitrotoluene          | 1900               |                          | 1400            | ug/Kg | 74  |          | 8   |                  | 28                | 89          | 47  |
| Diethylphthalate            | 1900               |                          | 1200            | ug/Kg | 63  |          | 8   | *                | 0                 | 0           | 0   |
| Fluorene                    | 1900               |                          | 1300            | ug/Kg | 68  |          | 8   | *                | 0                 | 0           | 0   |
| 4-Chlorophenyl-phenylether  | 1900               |                          | 1300            | ug/Kg | 68  |          | 8   | *                | 0                 | 0           | 0   |
| 4-Nitroaniline              | 1900               |                          | 1700            | ug/Kg | 89  |          | 6   | *                | 0                 | 0           | 0   |
| 4,6-Dinitro-2-methylphenol  | 1900               |                          | 1400            | ug/Kg | 74  |          | 16  | *                | 0                 | 0           | 0   |
| N-Nitrosodiphenylamine      | 1900               |                          | 1200            | ug/Kg | 63  |          | 0   |                  | 0                 | 0           | 0   |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BP080124

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

**Analytical Method:** SFAM\_SVOC

| Parameter                  | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|----------------------------|-------|---------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| 1,2,4,5-Tetrachlorobenzene | 1900  |               | 1300   | ug/Kg | 68  | 8        | *   |          | 0   | 0           | 0   |
| 4-Bromophenyl-phenylether  | 1900  |               | 1300   | ug/Kg | 68  | 8        | *   |          | 0   | 0           | 0   |
| Hexachlorobenzene          | 1900  |               | 1400   | ug/Kg | 74  | 8        | *   |          | 0   | 0           | 0   |
| Atrazine                   | 1900  |               | 930    | ug/Kg | 49  | 6        | *   |          | 0   | 0           | 0   |
| Pentachlorophenol          | 1900  |               | 1200   | ug/Kg | 63  | 0        |     |          | 17  | 109         | 47  |
| Phenanthrene               | 1900  | 130           | 1400   | ug/Kg | 67  | 8        | *   |          | 0   | 0           | 0   |
| Pentachlorobenzene         | 1900  |               | 1300   | ug/Kg | 68  | 8        | *   |          | 0   | 0           | 0   |
| Anthracene                 | 1900  |               | 1300   | ug/Kg | 68  | 8        | *   |          | 0   | 0           | 0   |
| 1,2,3,4-Tetrachlorobenzene | 1900  |               | 1200   | ug/Kg | 63  | 8        | *   |          | 0   | 0           | 0   |
| Carbazole                  | 1900  |               | 1500   | ug/Kg | 79  | 7        | *   |          | 0   | 0           | 0   |
| Di-n-butylphthalate        | 1900  |               | 1200   | ug/Kg | 63  | 8        | *   |          | 0   | 0           | 0   |
| Fluoranthene               | 1900  | 150           | 1100   | ug/Kg | 50  | 11       | *   |          | 0   | 0           | 0   |
| Pyrene                     | 1900  | 130           | 1100   | ug/Kg | 51  | 0        |     |          | 35  | 142         | 36  |
| Butylbenzylphthalate       | 1900  |               | 1000   | ug/Kg | 53  | 8        | *   |          | 0   | 0           | 0   |
| 3,3'-Dichlorobenzidine     | 1900  |               | 1200   | ug/Kg | 63  | 8        | *   |          | 0   | 0           | 0   |
| Benzo(a)anthracene         | 1900  | 66            | 1300   | ug/Kg | 65  | 8        | *   |          | 0   | 0           | 0   |
| Chrysene                   | 1900  | 71            | 1300   | ug/Kg | 65  | 0        |     |          | 0   | 0           | 0   |
| Bis(2-ethylhexyl)phthalate | 1900  |               | 990    | ug/Kg | 52  | 10       | *   |          | 0   | 0           | 0   |
| Di-n-octylphthalate        | 1900  |               | 1000   | ug/Kg | 53  | 10       | *   |          | 0   | 0           | 0   |
| Benzo(b)fluoranthene       | 1900  | 80            | 1300   | ug/Kg | 64  | 8        | *   |          | 0   | 0           | 0   |
| Benzo(k)fluoranthene       | 1900  |               | 1300   | ug/Kg | 68  | 8        | *   |          | 0   | 0           | 0   |
| Benzo(a)pyrene             | 1900  | 65            | 1200   | ug/Kg | 60  | 11       | *   |          | 0   | 0           | 0   |
| Indeno(1,2,3-cd)pyrene     | 1900  |               | 1400   | ug/Kg | 74  | 8        | *   |          | 0   | 0           | 0   |
| Dibenzo(a,h)anthracene     | 1900  |               | 1400   | ug/Kg | 74  | 8        | *   |          | 0   | 0           | 0   |
| Benzo(g,h,i)perylene       | 1900  | 51            | 1400   | ug/Kg | 71  | 7        | *   |          | 0   | 0           | 0   |
| 2,3,4,6-Tetrachlorophenol  | 1900  |               | 1300   | ug/Kg | 68  | 0        |     |          | 0   | 0           | 0   |

## Surrogate Summary

SW-846

SDG No.: BP080124

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P3264-19      | A4CM7     | BP021295.D | 1,4-Dioxane-d8                | 8              | 3.27            | 41           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 14.36           | 36           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 16.13           | 40           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 15.40           | 38           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 17.79           | 44           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 17.09           | 43           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 18.42           | 46           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 18.75           | 47           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 17.54           | 44           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 16.96           | 42           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 19.42           | 49           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 19.26           | 48           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 17.49           | 44           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 20.86           | 52           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 13.10           | 33           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 20.14           | 50           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 17.02           | 43           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 21.08           | 53           |      | 10         | 140  |
| P3264-25MS    | A4CN0MS   | BP021296.D | 1,4-Dioxane-d8                | 8              | 3.16            | 39           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 16.01           | 40           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 19.82           | 50           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 18.24           | 46           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 20.82           | 52           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 19.58           | 49           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 24.15           | 60           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 24.74           | 62           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 24.90           | 62           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 22.84           | 57           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 26.67           | 67           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 26.56           | 66           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 32.39           | 81           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 28.06           | 70           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 27.18           | 68           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 27.37           | 68           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 23.66           | 59           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 29.12           | 73           |      | 10         | 140  |
| P3264-26MSD   | A4CN0MSD  | BP021297.D | 1,4-Dioxane-d8                | 8              | 3.32            | 41           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 17.57           | 44           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 21.91           | 55           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 20.07           | 50           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 22.91           | 57           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 21.62           | 54           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 25.92           | 65           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 26.86           | 67           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 27.52           | 69           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 25.05           | 63           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 27.97           | 70           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 28.70           | 72           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 37.34           | 93           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BP080124

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P3264-26MSD   | A4CN0MSD   | BP021297.D | Fluorene-d10                  | 40             | 30.26           | 76           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 29.94           | 75           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 29.85           | 75           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 25.45           | 64           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 31.19           | 78           |      | 10         | 140  |
| PB162151BS    | PB162151BS | BP021298.D | 1,4-Dioxane-d8                | 8              | 5.26            | 66           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 23.43           | 59           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 24.08           | 60           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 21.79           | 54           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 25.73           | 64           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 22.82           | 57           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 27.75           | 69           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 28.30           | 71           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 28.17           | 70           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 25.44           | 64           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 27.91           | 70           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 28.27           | 71           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 41.72           | 104          |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 29.32           | 73           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 29.75           | 74           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 28.75           | 72           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 23.77           | 59           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 29.59           | 74           |      | 10         | 140  |

## Surrogate Summary

SW-846

SDG No.: BP080124

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P3283-01      | A4CM2     | BP021310.D | 1,4-Dioxane-d8                | 8              | 3.06            | 38           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 12.00           | 30           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 14.99           | 37           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 13.73           | 34           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 16.13           | 40           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 14.82           | 37           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 16.38           | 41           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 16.57           | 41           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 17.21           | 43           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 12.69           | 32           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 17.92           | 45           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 18.58           | 46           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 18.26           | 46           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 20.29           | 51           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 13.04           | 33           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 18.61           | 47           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 15.45           | 39           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 19.90           | 50           |      | 10         | 140  |
| P3283-06MS    | A4CM2MS   | BP021311.D | 1,4-Dioxane-d8                | 8              | 2.76            | 34           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 3.34            | 8            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 14.74           | 37           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 14.72           | 37           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 16.57           | 41           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 14.09           | 35           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 17.98           | 45           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 17.15           | 43           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 18.22           | 46           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 8.99            | 22           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 17.43           | 44           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 18.48           | 46           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 20.15           | 50           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 18.96           | 47           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 14.86           | 37           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 17.71           | 44           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 15.11           | 38           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 19.02           | 48           |      | 10         | 140  |
| P3283-07MSD   | A4CM2MSD  | BP021312.D | 1,4-Dioxane-d8                | 8              | 2.74            | 34           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 3.08            | 8            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 15.50           | 39           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 15.06           | 38           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 17.34           | 43           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 14.87           | 37           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 18.50           | 46           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 17.92           | 45           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 19.37           | 48           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 9.23            | 23           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 18.15           | 45           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 19.11           | 48           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 20.84           | 52           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BP080124

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P3283-07MSD   | A4CM2MSD   | BP021312.D | Fluorene-d10                  | 40             | 20.16           | 50           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 15.76           | 39           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 18.23           | 46           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 16.11           | 40           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 19.31           | 48           |      | 10         | 140  |
| PB162173BL    | PB162173BL | BP021309.D | 1,4-Dioxane-d8                | 8              | 4.80            | 60           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 21.99           | 55           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 21.83           | 55           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 20.80           | 52           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 24.06           | 60           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 21.82           | 55           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 24.92           | 62           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 24.58           | 61           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 23.30           | 58           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 24.09           | 60           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 25.25           | 63           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 24.70           | 62           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 25.11           | 63           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 26.66           | 67           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 20.80           | 52           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 26.90           | 67           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 22.02           | 55           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 26.97           | 67           |      | 10         | 140  |

## Surrogate Summary

SW-846

SDG No.: BP080124

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P3398-01      | E08K3     | BP021303.D | 1,4-Dioxane-d8                | 8              | 4.40            | 55           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 7.03            | 18           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 6.55            | 16           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 22.37           | 56           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 23.28           | 58           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 15.17           | 38           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 27.29           | 68           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 27.64           | 69           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 25.39           | 63           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 22.87           | 57           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 26.29           | 66           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 26.96           | 67           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 6.00            | 15           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 28.94           | 72           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 23.36           | 58           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 30.31           | 76           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 25.46           | 64           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 31.46           | 79           |      | 20         | 130  |
| P3398-04      | E08K6     | BP021299.D | 1,4-Dioxane-d8                | 8              | 3.80            | 48           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 1.99            | 5            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 5.87            | 15           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 24.11           | 60           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 24.37           | 61           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 15.26           | 38           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 29.46           | 74           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 30.18           | 75           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 27.24           | 68           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 12.17           | 30           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 30.21           | 76           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 30.61           | 77           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 6.42            | 16           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 32.35           | 81           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 26.99           | 67           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 33.97           | 85           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 28.07           | 70           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 35.97           | 90           |      | 20         | 130  |
| P3398-06      | E08K8     | BP021300.D | 1,4-Dioxane-d8                | 8              | 3.40            | 42           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 4.50            | 11           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 5.00            | 13           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 22.37           | 56           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 21.97           | 55           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 12.94           | 32           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 27.27           | 68           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 27.00           | 68           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 24.67           | 62           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 18.62           | 47           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 26.75           | 67           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 27.03           | 68           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 5.20            | 13           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BP080124

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P3398-06      | E08K8      | BP021300.D | Fluorene-d10                  | 40             | 28.12           | 70           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 23.75           | 59           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 29.45           | 74           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 23.58           | 59           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 30.52           | 76           |      | 20         | 130  |
| P3398-08      | E08L2      | BP021301.D | 1,4-Dioxane-d8                | 8              | 3.41            | 43           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 2.25            | 6            | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 5.13            | 13           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 22.21           | 56           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 21.85           | 55           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 13.13           | 33           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 25.61           | 64           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 27.09           | 68           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 24.58           | 61           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 10.89           | 27           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 26.07           | 65           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 25.67           | 64           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 5.49            | 14           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 27.80           | 70           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 21.65           | 54           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 28.18           | 70           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 23.56           | 59           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 29.52           | 74           |      | 20         | 130  |
| P3398-10      | E08L5      | BP021302.D | 1,4-Dioxane-d8                | 8              | 3.79            | 47           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 2.54            | 6            | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 5.11            | 13           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 22.81           | 57           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 22.66           | 57           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 13.29           | 33           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 26.79           | 67           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 26.70           | 67           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 25.48           | 64           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 14.16           | 35           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 27.14           | 68           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 27.58           | 69           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 5.00            | 13           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 28.59           | 71           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 23.03           | 58           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 29.91           | 75           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 23.89           | 60           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 30.43           | 76           |      | 20         | 130  |
| PB162406BL    | PB162406BL | BP021294.D | Pyridine-d5                   | 40             | 22.47           | 56           |      | 20         | 120  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 4.81            | 60           |      | 15         | 120  |
|               |            |            | Phenol-d5                     | 40             | 24.02           | 60           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 22.22           | 56           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 25.67           | 64           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 24.30           | 61           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 27.02           | 68           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 27.96           | 70           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: BP080124

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| PB162406BL    | PB162406BL | BP021294.D | 2,4-Dichlorophenol-d3         | 40             | 26.15           | 65           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 26.66           | 67           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 27.33           | 68           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 27.09           | 68           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 27.33           | 68           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 28.66           | 72           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 21.92           | 55           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 28.21           | 71           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 24.16           | 60           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 28.35           | 71           |      | 20         | 130  |
| PB162406BS    | PB162406BS | BP021306.D | 1,4-Dioxane-d8                | 8              | 5.46            | 68           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 22.22           | 56           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 24.99           | 62           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 22.53           | 56           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 25.57           | 64           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 23.48           | 59           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 27.28           | 68           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 27.76           | 69           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 27.76           | 69           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 24.26           | 61           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 26.64           | 67           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 27.40           | 69           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 40.93           | 102          |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 29.01           | 73           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 29.48           | 74           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 28.34           | 71           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 22.08           | 55           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 28.93           | 72           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: BP080124

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P3397-02      | BHCL1     | BP021304.D | 1,4-Dioxane-d8                | 8              | 2.08            | 26           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 9.55            | 24           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 13.55           | 34           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 12.22           | 31           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 13.53           | 34           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 15.52           | 39           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 16.93           | 42           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 17.61           | 44           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 17.22           | 43           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 17.51           | 44           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 22.88           | 57           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 22.40           | 56           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 16.63           | 42           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 23.57           | 59           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 14.88           | 37           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 24.42           | 61           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 19.78           | 49           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 25.03           | 63           |      | 10         | 140  |
| P3397-04      | BHCM6     | BP021313.D | 1,4-Dioxane-d8                | 8              | 2.25            | 28           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 13.51           | 34           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 13.02           | 33           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 14.98           | 37           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 13.64           | 34           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 15.32           | 38           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 14.95           | 37           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 14.81           | 37           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 13.52           | 34           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 14.08           | 35           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 16.48           | 41           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 12.93           | 32           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 17.68           | 44           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 7.59            | 19           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 17.90           | 45           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 14.88           | 37           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 18.28           | 46           |      | 10         | 140  |
| P3397-07      | BHCM7     | BP021305.D | 1,4-Dioxane-d8                | 8              | 1.60            | 20           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 10.63           | 27           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 10.61           | 27           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 11.67           | 29           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 11.40           | 28           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 12.04           | 30           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 11.94           | 30           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 12.30           | 31           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 10.77           | 27           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 12.31           | 31           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 15.10           | 38           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 9.59            | 24           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BP080124

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P3397-07      | BHCM7      | BP021305.D | Fluorene-d10                  | 40             | 16.01           | 40           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 5.64            | 14           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 16.49           | 41           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 13.75           | 34           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 17.64           | 44           |      | 10         | 140  |
| PB162408BL    | PB162408BL | BP021308.D | 1,4-Dioxane-d8                | 8              | 5.43            | 68           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 23.40           | 58           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 24.06           | 60           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 22.91           | 57           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 25.80           | 65           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 23.54           | 59           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 26.97           | 67           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 27.40           | 69           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 26.00           | 65           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 26.36           | 66           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 27.78           | 69           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 27.88           | 70           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 26.19           | 65           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 29.79           | 74           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 21.37           | 53           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 29.95           | 75           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 24.00           | 60           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 29.96           | 75           |      | 10         | 140  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP080124

Lab Code: CHEM

SAS No.: BP080124 SDG NO.: BP080124

Lab File ID: BP021292.D

DFTPP Injection Date: 08/01/2024

Instrument ID: BNA\_P

DFTPP Injection Time: 16:38

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 28.1                 |
| 68  | Less than 2.0% of mass 69          | 0.4 ( 1.4 ) 1        |
| 69  | Mass 69 relative abundance         | 30.2                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.7 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 39.7                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.9                  |
| 275 | 10.0 - 60.0% of mass 198           | 29.2                 |
| 365 | Greater than 1% of mass 198        | 3.5                  |
| 441 | Present, but less than mass 443    | 15.3                 |
| 442 | Greater than 50% of mass 198       | 98.9                 |
| 443 | 15.0 - 24.0% of mass 442           | 19.4 ( 19.6 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| SSTD020720        | SSTDCCC020       | BP021293.D     | 08/01/2024       | 17:22            |
| SBLK406           | PB162406BL       | BP021294.D     | 08/01/2024       | 18:07            |
| A4CM7             | P3264-19         | BP021295.D     | 08/01/2024       | 18:51            |
| A4CN0MS           | P3264-25MS       | BP021296.D     | 08/01/2024       | 19:36            |
| A4CN0MSD          | P3264-26MSD      | BP021297.D     | 08/01/2024       | 20:21            |
| SLCS151           | PB162151BS       | BP021298.D     | 08/01/2024       | 21:05            |
| E08K6             | P3398-04         | BP021299.D     | 08/01/2024       | 21:50            |
| E08K8             | P3398-06         | BP021300.D     | 08/01/2024       | 22:34            |
| E08L2             | P3398-08         | BP021301.D     | 08/01/2024       | 23:18            |
| E08L5             | P3398-10         | BP021302.D     | 08/02/2024       | 00:03            |
| E08K3             | P3398-01         | BP021303.D     | 08/02/2024       | 00:46            |
| BHCL1             | P3397-02         | BP021304.D     | 08/02/2024       | 01:31            |
| BHCM7             | P3397-07         | BP021305.D     | 08/02/2024       | 02:15            |
| SLCS406           | PB162406BS       | BP021306.D     | 08/02/2024       | 02:59            |
| SSTD020721        | SSTDCCC020       | BP021307.D     | 08/02/2024       | 03:42            |
| SBLK408           | PB162408BL       | BP021308.D     | 08/02/2024       | 05:10            |
| SBLK173           | PB162173BL       | BP021309.D     | 08/02/2024       | 05:54            |
| A4CM2             | P3283-01         | BP021310.D     | 08/02/2024       | 06:37            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP080124

Lab Code: CHEM

SAS No.: BP080124

SDG NO.: BP080124

Lab File ID: BP021292.D

DFTPP Injection Date: 08/01/2024

Instrument ID: BNA\_P

DFTPP Injection Time: 16:38

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 28.1                 |
| 68  | Less than 2.0% of mass 69          | 0.4 ( 1.4 ) 1        |
| 69  | Mass 69 relative abundance         | 30.2                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.7 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 39.7                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.9                  |
| 275 | 10.0 - 60.0% of mass 198           | 29.2                 |
| 365 | Greater than 1% of mass 198        | 3.5                  |
| 441 | Present, but less than mass 443    | 15.3                 |
| 442 | Greater than 50% of mass 198       | 98.9                 |
| 443 | 15.0 - 24.0% of mass 442           | 19.4 ( 19.6 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| A4CM2MS           | P3283-06MS       | BP021311.D     | 08/02/2024       | 07:21            |
| A4CM2MSD          | P3283-07MSD      | BP021312.D     | 08/02/2024       | 08:05            |
| BHCM6             | P3397-04         | BP021313.D     | 08/02/2024       | 08:49            |