

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BM061324 SAS No.: BM061324 SDG No.: BM061324

Instrument ID: BNA\_M Calibration Date/Time: 6/12/2024 1:18:40

Lab File ID: BM046002.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020118 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.571 | 0.498  | 0.010   | -12.7907 | 40.0  |
| Benzaldehyde                | 0.799 | 0.993  | 0.010   | 24.24    | 40.0  |
| Pyridine                    | 1.364 | 1.318  | 0.010   | -3.3577  | 40.0  |
| Phenol                      | 1.762 | 1.861  | 0.080   | 5.5869   | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.471 | 1.434  | 0.100   | -2.5244  | 20.0  |
| 2-Chlorophenol              | 1.337 | 1.374  | 0.200   | 2.7569   | 20.0  |
| 2-Methylphenol              | 1.290 | 1.359  | 0.010   | 5.363    | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 2.897 | 3.348  | 0.010   | 15.586   | 40.0  |
| Acetophenone                | 2.139 | 2.367  | 0.060   | 10.6569  | 20.0  |
| 4-Methylphenol              | 1.335 | 1.504  | 0.010   | 12.6127  | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.182 | 1.353  | 0.050   | 14.4211  | 30.0  |
| Hexachloroethane            | 0.642 | 0.647  | 0.100   | 0.7164   | 20.0  |
| Nitrobenzene                | 0.438 | 0.459  | 0.050   | 4.8093   | 25.0  |
| Isophorone                  | 0.773 | 0.801  | 0.050   | 3.564    | 25.0  |
| 2-Nitrophenol               | 0.173 | 0.172  | 0.050   | -0.4082  | 25.0  |
| 2,4-Dimethylphenol          | 0.351 | 0.361  | 0.050   | 2.8297   | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.469 | 0.448  | 0.050   | -4.679   | 20.0  |
| 2,4-Dichlorophenol          | 0.296 | 0.306  | 0.060   | 3.4592   | 20.0  |
| Naphthalene                 | 1.066 | 1.052  | 0.200   | -1.3489  | 20.0  |
| 4-Chloroaniline             | 0.401 | 0.419  | 0.010   | 4.3531   | 40.0  |
| Hexachlorobutadiene         | 0.203 | 0.196  | 0.040   | -3.1671  | 30.0  |
| Caprolactam                 | 0.083 | 0.096  | 0.010   | 15.7063  | 40.0  |
| 4-Chloro-3-methylphenol     | 0.321 | 0.343  | 0.040   | 6.8189   | 25.0  |
| 1-Methylnaphthalene         | 0.706 | 0.729  | 0.100   | 3.2655   | 20.0  |
| 2-Methylnaphthalene         | 0.706 | 0.721  | 0.100   | 2.0987   | 20.0  |
| Hexachlorocyclopentadiene   | 0.364 | 0.341  | 0.010   | -6.3304  | 40.0  |
| 2,4,6-Trichlorophenol       | 0.348 | 0.358  | 0.090   | 2.8424   | 25.0  |
| 2,4,5-Trichlorophenol       | 0.378 | 0.385  | 0.100   | 1.7102   | 25.0  |
| 1,1-Biphenyl                | 1.484 | 1.411  | 0.200   | -4.8971  | 20.0  |
| 2-Chloronaphthalene         | 1.163 | 1.130  | 0.300   | -2.7874  | 20.0  |
| 2-Nitroaniline              | 0.397 | 0.460  | 0.050   | 15.9258  | 40.0  |
| Dimethylphthalate           | 1.406 | 1.425  | 0.300   | 1.3564   | 20.0  |
| 2,6-Dinitrotoluene          | 0.270 | 0.278  | 0.080   | 2.7426   | 30.0  |
| Acenaphthylene              | 1.861 | 1.909  | 0.400   | 2.6105   | 20.0  |
| 3-Nitroaniline              | 0.248 | 0.281  | 0.010   | 13.1303  | 40.0  |
| Acenaphthene                | 1.242 | 1.267  | 0.200   | 2.032    | 20.0  |
| 2,4-Dinitrophenol           | 0.123 | 0.117  | 0.010   | -4.937   | 40.0  |
| 4-Nitrophenol               | 0.247 | 0.306  | 0.010   | 24.1183  | 40.0  |
| Dibenzofuran                | 1.675 | 1.736  | 0.300   | 3.6943   | 20.0  |

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BM061324 SAS No.: BM061324 SDG No.: BM061324

Instrument ID: BNA\_M Calibration Date/Time: 6/12/2024 1:18:40

Lab File ID: BM046002.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020118 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-------------------------------|-------|--------|---------|----------|-------|
| 2,4-Dinitrotoluene            | 0.374 | 0.426  | 0.070   | 13.9532  | 30.0  |
| Diethylphthalate              | 1.408 | 1.469  | 0.300   | 4.3576   | 20.0  |
| Fluorene                      | 1.349 | 1.467  | 0.200   | 8.7589   | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.670 | 0.698  | 0.100   | 4.1513   | 20.0  |
| 4-Nitroaniline                | 0.206 | 0.273  | 0.010   | 32.6191  | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.112 | 0.106  | 0.010   | -5.6688  | 40.0  |
| N-Nitrosodiphenylamine        | 0.567 | 0.541  | 0.050   | -4.535   | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.599 | 0.572  | 0.100   | -4.5396  | 20.0  |
| 4-Bromophenyl-phenylether     | 0.209 | 0.195  | 0.070   | -6.6058  | 20.0  |
| Hexachlorobenzene             | 0.231 | 0.224  | 0.050   | -3.0147  | 25.0  |
| Atrazine                      | 0.172 | 0.156  | 0.010   | -9.464   | 25.0  |
| Pentachlorophenol             | 0.117 | 0.129  | 0.010   | 9.8374   | 40.0  |
| Phenanthrene                  | 1.054 | 1.072  | 0.200   | 1.7055   | 20.0  |
| Pentachlorobenzene            | 0.290 | 0.263  | 0.050   | -9.5157  | 20.0  |
| Anthracene                    | 1.053 | 1.092  | 0.200   | 3.7621   | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.310 | 0.265  | 0.050   | -14.7005 | 20.0  |
| Carbazole                     | 0.898 | 0.980  | 0.050   | 9.0608   | 40.0  |
| Di-n-butylphthalate           | 1.181 | 1.159  | 0.500   | -1.8604  | 25.0  |
| Fluoranthene                  | 1.508 | 1.280  | 0.400   | -15.0768 | 25.0  |
| Pyrene                        | 1.549 | 1.353  | 0.400   | -12.6762 | 25.0  |
| Butylbenzylphthalate          | 0.631 | 0.541  | 0.100   | -14.2515 | 40.0  |
| 3,3-Dichlorobenzidine         | 0.395 | 0.393  | 0.010   | -0.4408  | 40.0  |
| Benzo (a) anthracene          | 1.381 | 1.361  | 0.300   | -1.4536  | 30.0  |
| Chrysene                      | 1.278 | 1.277  | 0.200   | -0.0405  | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.938 | 0.827  | 0.200   | -11.8322 | 40.0  |
| Di-n-octyl phthalate          | 1.530 | 1.358  | 0.010   | -11.1959 | 40.0  |
| Benzo (b) fluoranthene        | 1.229 | 1.223  | 0.200   | -0.5229  | 25.0  |
| Benzo (k) fluoranthene        | 1.201 | 1.247  | 0.200   | 3.8591   | 25.0  |
| Benzo (a) pyrene              | 1.080 | 1.114  | 0.200   | 3.127    | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.179 | 1.208  | 0.200   | 2.3879   | 25.0  |
| Dibenzo (a,h) anthracene      | 0.933 | 1.007  | 0.200   | 7.9966   | 30.0  |
| Benzo (g,h,i) perylene        | 1.039 | 0.967  | 0.200   | -6.9388  | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.286 | 0.339  | 0.040   | 18.6243  | 20.0  |
| 1,4-Dioxane-d8                | 0.516 | 0.448  | 0.010   | -13.1364 | 25.0  |
| Pyridine-d5                   | 1.328 | 1.309  | 0.010   | -1.4729  | 40.0  |
| Phenol-d5                     | 1.699 | 1.744  | 0.010   | 2.6562   | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.220 | 1.260  | 0.050   | 3.3071   | 25.0  |
| 2-Chlorophenol-d4             | 1.269 | 1.292  | 0.200   | 1.7882   | 20.0  |
| 4-Methylphenol-d8             | 1.284 | 1.382  | 0.010   | 7.6943   | 20.0  |

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Lab Name: CHEMTECH Contract: \_\_\_\_\_  
 Lab Code: CHEM Case No.: BM061324 SAS No.: BM061324 SDG No.: BM061324  
 Instrument ID: BNA\_M Calibration Date/Time: 6/12/2024 1:18:40  
 Lab File ID: BM046002.D Init. Calib. Date(s): \_\_\_\_\_  
 EPA Sample No.: SSTD020118 Init. Calib. Time(s): \_\_\_\_\_  
 GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.156 | 0.147  | 0.050      | -5.8872  | 20.0  |
| 2-Nitrophenol-d4              | 0.158 | 0.152  | 0.050      | -3.8435  | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.297 | 0.309  | 0.060      | 4.0488   | 20.0  |
| 4-Chloroaniline-d4            | 0.411 | 0.424  | 0.010      | 3.2878   | 40.0  |
| Dimethylphthalate-d6          | 1.385 | 1.378  | 0.300      | -0.4422  | 20.0  |
| Acenaphthylene-d8             | 1.608 | 1.635  | 0.400      | 1.6873   | 20.0  |
| 4-Nitrophenol-d4              | 0.299 | 0.336  | 0.010      | 12.3747  | 40.0  |
| Fluorene-d10                  | 1.181 | 1.243  | 0.100      | 5.2228   | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.102 | 0.095  | 0.010      | -6.6901  | 40.0  |
| Anthracene-d10                | 0.869 | 0.883  | 0.300      | 1.5728   | 20.0  |
| Pyrene-d10                    | 1.244 | 1.062  | 0.300      | -14.6002 | 25.0  |
| Benzo(a)pyrene-d12            | 0.935 | 0.960  | 0.010      | 2.6577   | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BM061324 SAS No.: BM061324 SDG No.: BM061324

Instrument ID: BNA\_M Calibration Date/Time: 6/13/2024 1:04:30

Lab File ID: BM046016.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020119 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.571 | 0.501  | 0.010   | -12.1962 | 50.0  |
| Benzaldehyde                | 0.799 | 0.984  | 0.010   | 23.1278  | 50.0  |
| Pyridine                    | 1.364 | 1.390  | 0.010   | 1.9268   | 50.0  |
| Phenol                      | 1.762 | 1.847  | 0.080   | 4.7983   | 50.0  |
| Bis(2-Chloroethyl)ether     | 1.471 | 1.429  | 0.100   | -2.8594  | 50.0  |
| 2-Chlorophenol              | 1.337 | 1.394  | 0.200   | 4.226    | 50.0  |
| 2-Methylphenol              | 1.290 | 1.357  | 0.010   | 5.1781   | 50.0  |
| 2,2-oxybis(1-Chloropropane) | 2.897 | 3.185  | 0.010   | 9.9402   | 50.0  |
| Acetophenone                | 2.139 | 2.296  | 0.060   | 7.3104   | 50.0  |
| 4-Methylphenol              | 1.335 | 1.485  | 0.010   | 11.1975  | 50.0  |
| N-Nitroso-di-n-propylamine  | 1.182 | 1.314  | 0.050   | 11.1884  | 50.0  |
| Hexachloroethane            | 0.642 | 0.622  | 0.100   | -3.2143  | 50.0  |
| Nitrobenzene                | 0.438 | 0.468  | 0.050   | 6.9098   | 50.0  |
| Isophorone                  | 0.773 | 0.824  | 0.050   | 6.5541   | 50.0  |
| 2-Nitrophenol               | 0.173 | 0.187  | 0.050   | 8.0104   | 50.0  |
| 2,4-Dimethylphenol          | 0.351 | 0.378  | 0.050   | 7.6709   | 50.0  |
| Bis(2-Chloroethoxy)methane  | 0.469 | 0.450  | 0.050   | -4.1004  | 50.0  |
| 2,4-Dichlorophenol          | 0.296 | 0.316  | 0.060   | 7.019    | 50.0  |
| Naphthalene                 | 1.066 | 1.075  | 0.200   | 0.7769   | 50.0  |
| 4-Chloroaniline             | 0.401 | 0.423  | 0.010   | 5.2843   | 50.0  |
| Hexachlorobutadiene         | 0.203 | 0.201  | 0.040   | -0.6455  | 50.0  |
| Caprolactam                 | 0.083 | 0.105  | 0.010   | 25.9858  | 50.0  |
| 4-Chloro-3-methylphenol     | 0.321 | 0.364  | 0.040   | 13.3832  | 50.0  |
| 1-Methylnaphthalene         | 0.706 | 0.723  | 0.100   | 2.345    | 50.0  |
| 2-Methylnaphthalene         | 0.706 | 0.711  | 0.100   | 0.727    | 50.0  |
| Hexachlorocyclopentadiene   | 0.364 | 0.274  | 0.010   | -24.6879 | 50.0  |
| 2,4,6-Trichlorophenol       | 0.348 | 0.384  | 0.090   | 10.0496  | 50.0  |
| 2,4,5-Trichlorophenol       | 0.378 | 0.420  | 0.100   | 10.9298  | 50.0  |
| 1,1-Biphenyl                | 1.484 | 1.434  | 0.200   | -3.3659  | 50.0  |
| 2-Chloronaphthalene         | 1.163 | 1.138  | 0.300   | -2.1256  | 50.0  |
| 2-Nitroaniline              | 0.397 | 0.486  | 0.050   | 22.4428  | 50.0  |
| Dimethylphthalate           | 1.406 | 1.410  | 0.300   | 0.3105   | 50.0  |
| 2,6-Dinitrotoluene          | 0.270 | 0.293  | 0.080   | 8.215    | 50.0  |
| Acenaphthylene              | 1.861 | 1.915  | 0.400   | 2.9152   | 50.0  |
| 3-Nitroaniline              | 0.248 | 0.311  | 0.010   | 25.3939  | 50.0  |
| Acenaphthene                | 1.242 | 1.265  | 0.200   | 1.9046   | 50.0  |
| 2,4-Dinitrophenol           | 0.123 | 0.135  | 0.010   | 9.6686   | 50.0  |
| 4-Nitrophenol               | 0.247 | 0.320  | 0.010   | 29.9613  | 50.0  |
| Dibenzofuran                | 1.675 | 1.726  | 0.300   | 3.0835   | 50.0  |

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BM061324 SAS No.: BM061324 SDG No.: BM061324  
Instrument ID: BNA\_M Calibration Date/Time: 6/13/2024 1:04:30  
Lab File ID: BM046016.D Init. Calib. Date(s): \_\_\_\_\_  
EPA Sample No.: SSTD020119 Init. Calib. Time(s): \_\_\_\_\_  
GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 2,4-Dinitrotoluene          | 0.374 | 0.447  | 0.070   | 19.393   | 50.0  |
| Diethylphthalate            | 1.408 | 1.466  | 0.300   | 4.168    | 50.0  |
| Fluorene                    | 1.349 | 1.447  | 0.200   | 7.2355   | 50.0  |
| 4-Chlorophenyl-phenylether  | 0.670 | 0.688  | 0.100   | 2.6579   | 50.0  |
| 4-Nitroaniline              | 0.206 | 0.318  | 0.010   | 54.1218  | 50.0  |
| 4,6-Dinitro-2-methylphenol  | 0.112 | 0.110  | 0.010   | -1.5187  | 50.0  |
| N-Nitrosodiphenylamine      | 0.567 | 0.554  | 0.050   | -2.184   | 50.0  |
| 1,2,4,5-Tetrachlorobenzene  | 0.599 | 0.589  | 0.100   | -1.7248  | 50.0  |
| 4-Bromophenyl-phenylether   | 0.209 | 0.199  | 0.070   | -4.5113  | 50.0  |
| Hexachlorobenzene           | 0.231 | 0.222  | 0.050   | -3.8321  | 50.0  |
| Atrazine                    | 0.172 | 0.163  | 0.010   | -4.9906  | 50.0  |
| Pentachlorophenol           | 0.117 | 0.138  | 0.010   | 18.0589  | 50.0  |
| Phenanthrene                | 1.054 | 1.065  | 0.200   | 1.0281   | 50.0  |
| Pentachlorobenzene          | 0.290 | 0.271  | 0.050   | -6.643   | 50.0  |
| Anthracene                  | 1.053 | 1.079  | 0.200   | 2.4884   | 50.0  |
| 1,2,3,4-Tetrachlorobenzene  | 0.310 | 0.277  | 0.050   | -10.6484 | 50.0  |
| Carbazole                   | 0.898 | 0.985  | 0.050   | 9.7213   | 50.0  |
| Di-n-butylphthalate         | 1.181 | 1.183  | 0.500   | 0.1874   | 50.0  |
| Fluoranthene                | 1.508 | 1.466  | 0.400   | -2.7903  | 50.0  |
| Pyrene                      | 1.549 | 1.526  | 0.400   | -1.5222  | 50.0  |
| Butylbenzylphthalate        | 0.631 | 0.653  | 0.100   | 3.4131   | 50.0  |
| 3,3-Dichlorobenzidine       | 0.395 | 0.378  | 0.010   | -4.2516  | 50.0  |
| Benzo(a)anthracene          | 1.381 | 1.380  | 0.300   | -0.1053  | 50.0  |
| Chrysene                    | 1.278 | 1.276  | 0.200   | -0.1255  | 50.0  |
| Bis(2-ethylhexyl)phthalate  | 0.938 | 0.934  | 0.200   | -0.404   | 50.0  |
| Di-n-octyl phthalate        | 1.530 | 1.617  | 0.010   | 5.7199   | 50.0  |
| Benzo(b)fluoranthene        | 1.229 | 1.208  | 0.200   | -1.705   | 50.0  |
| Benzo(k)fluoranthene        | 1.201 | 1.235  | 0.200   | 2.8599   | 50.0  |
| Benzo(a)pyrene              | 1.080 | 1.134  | 0.200   | 4.9887   | 50.0  |
| Indeno(1,2,3-cd)pyrene      | 1.179 | 1.310  | 0.200   | 11.0478  | 50.0  |
| Dibenzo(a,h)anthracene      | 0.933 | 1.076  | 0.200   | 15.3617  | 50.0  |
| Benzo(g,h,i)perylene        | 1.039 | 1.066  | 0.200   | 2.574    | 50.0  |
| 2,3,4,6-Tetrachlorophenol   | 0.286 | 0.358  | 0.040   | 25.4397  | 50.0  |
| 1,4-Dioxane-d8              | 0.516 | 0.422  | 0.010   | -18.1177 | 50.0  |
| Pyridine-d5                 | 1.328 | 1.347  | 0.010   | 1.379    | 50.0  |
| Phenol-d5                   | 1.699 | 1.778  | 0.010   | 4.6238   | 50.0  |
| Bis-(2-Chloroethyl)ether-d8 | 1.220 | 1.248  | 0.050   | 2.3101   | 50.0  |
| 2-Chlorophenol-d4           | 1.269 | 1.322  | 0.200   | 4.1468   | 50.0  |
| 4-Methylphenol-d8           | 1.284 | 1.351  | 0.010   | 5.2567   | 50.0  |

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
 Lab Code: CHEM Case No.: BM061324 SAS No.: BM061324 SDG No.: BM061324  
 Instrument ID: BNA\_M Calibration Date/Time: 6/13/2024 1:04:30  
 Lab File ID: BM046016.D Init. Calib. Date(s): \_\_\_\_\_  
 EPA Sample No.: SSTD020119 Init. Calib. Time(s): \_\_\_\_\_  
 GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-------------------------------|-------|--------|------------|---------|-------|
| Nitrobenzene-d5               | 0.156 | 0.160  | 0.050      | 2.49    | 50.0  |
| 2-Nitrophenol-d4              | 0.158 | 0.177  | 0.050      | 11.6347 | 50.0  |
| 2,4-Dichlorophenol-d3         | 0.297 | 0.324  | 0.060      | 9.2177  | 50.0  |
| 4-Chloroaniline-d4            | 0.411 | 0.437  | 0.010      | 6.4393  | 50.0  |
| Dimethylphthalate-d6          | 1.385 | 1.395  | 0.300      | 0.7708  | 50.0  |
| Acenaphthylene-d8             | 1.608 | 1.644  | 0.400      | 2.2757  | 50.0  |
| 4-Nitrophenol-d4              | 0.299 | 0.350  | 0.010      | 17.2666 | 50.0  |
| Fluorene-d10                  | 1.181 | 1.224  | 0.100      | 3.6524  | 50.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.102 | 0.102  | 0.010      | 0.3592  | 50.0  |
| Anthracene-d10                | 0.869 | 0.891  | 0.300      | 2.489   | 50.0  |
| Pyrene-d10                    | 1.244 | 1.203  | 0.300      | -3.2496 | 50.0  |
| Benzo(a)pyrene-d12            | 0.935 | 0.969  | 0.010      | 3.716   | 50.0  |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |              |                 |                      |
|--------------------|--------------|-----------------|----------------------|
| Client:            |              | Date Collected: | 6/4/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/4/2024 12:00:00 AM |
| Client Sample ID:  | SBLK309      | SDG No.:        | BM061324             |
| Lab Sample ID:     | PB161309BL   | 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 |
| BM046003.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

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

## Report of Analysis

|                    |              |                 |                      |
|--------------------|--------------|-----------------|----------------------|
| Client:            |              | Date Collected: | 6/4/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/4/2024 12:00:00 AM |
| Client Sample ID:  | SBLK309      | SDG No.:        | BM061324             |
| Lab Sample ID:     | PB161309BL   | 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 |
| BM046003.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

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

## Report of Analysis

|                    |              |                 |                      |
|--------------------|--------------|-----------------|----------------------|
| Client:            |              | Date Collected: | 6/4/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/4/2024 12:00:00 AM |
| Client Sample ID:  | SBLK309      | SDG No.:        | BM061324             |
| Lab Sample ID:     | PB161309BL   | 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 |
| BM046003.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 44     | U         | 44     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 32     | U         | 32     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 23     | U         | 23     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 39     | U         | 39     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 45     | U         | 45     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 44     | U         | 44     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 34     | U         | 34     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 42     | U         | 42     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 45     | U         | 45     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 42     | U         | 42     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 35     | U         | 35     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.088  |           | 15-120 |      | 64         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 27.564 |           | 20-120 |      | 69         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 29.456 |           | 10-130 |      | 74         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 30.304 |           | 10-150 |      | 76         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 30.803 |           | 15-120 |      | 77         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 31.669 |           | 10-140 |      | 79         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 29.048 |           | 10-135 |      | 73         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 29.535 |           | 10-120 |      | 74         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.738 |           | 10-140 |      | 72         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 30.813 |           | 1-145  |      | 77         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 30.316 |           | 10-145 |      | 76         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 29.875 |           | 15-120 |      | 75         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 21.428 |           | 10-150 |      | 54         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 31.322 |           | 20-140 |      | 78         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                      |
|--------------------|--------------|-----------------|----------------------|
| Client:            |              | Date Collected: | 6/4/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/4/2024 12:00:00 AM |
| Client Sample ID:  | SBLK309      | SDG No.:        | BM061324             |
| Lab Sample ID:     | PB161309BL   | 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 |
| BM046003.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 22.822 |           | 10-130 |     | 57         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 31.349 |           | 10-150 |     | 78         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 27.253 |           | 10-130 |     | 68         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 30.283 |           | 10-140 |     | 76         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 123015 | 7.434     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 543148 | 10.204    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 366002 | 14.08     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 804606 | 16.827    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 775337 | 21.039    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 822186 | 23.744    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 48     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC24                 | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-01              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 16.6                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046004.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 16    | U         | 16  | 7.9  | 80         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 90    | U         | 90  | 98.6 | 390        | ug/Kg |
| 110-86-1       | Pyridine                    | 51    | U         | 51  | 200  | 390        | ug/Kg |
| 108-95-2       | Phenol                      | 42    | U         | 42  | 98.6 | 390        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 41    | U         | 41  | 98.6 | 390        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 33    | U         | 33  | 50.8 | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 36    | U         | 36  | 98.6 | 390        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 32    | U         | 32  | 98.6 | 390        | ug/Kg |
| 98-86-2        | Acetophenone                | 100   | J         | 45  | 98.6 | 390        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 38    | U         | 38  | 98.6 | 390        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 35    | U         | 35  | 50.8 | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 27    | U         | 27  | 50.8 | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 43    | U         | 43  | 50.8 | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 41    | U         | 41  | 50.8 | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 38    | U         | 38  | 50.8 | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 33    | U         | 33  | 50.8 | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 45    | U         | 45  | 50.8 | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 47    | U         | 47  | 50.8 | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 73    | J         | 41  | 50.8 | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 51    | U         | 51  | 50.8 | 390        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 41    | U         | 41  | 50.8 | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 140   | U         | 140 | 98.6 | 390        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 33    | U         | 33  | 50.8 | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 64    | J         | 49  | 50.8 | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 57    | J         | 44  | 50.8 | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 94    | U         | 94  | 98.6 | 390        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 51    | U         | 51  | 50.8 | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 50    | U         | 50  | 50.8 | 200        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM       |
| Client Sample ID:  | BHC24                 | SDG No.:        | BM061324                    |
| Lab Sample ID:     | P2659-01              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 16.6                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046004.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 57    | U         | 57  | 50.8 | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 54    | U         | 54  | 50.8 | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 26    | U         | 26  | 50.8 | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 50    | U         | 50  | 50.8 | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 25    | U         | 25  | 50.8 | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 470   |           | 51  | 50.8 | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 24    | U         | 24  | 98.6 | 390        | ug/Kg |
| 83-32-9    | Acenaphthene               | 92    | J         | 49  | 50.8 | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 140   | U         | 140 | 98.6 | 390        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 49    | U         | 49  | 98.6 | 390        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 64    | J         | 55  | 50.8 | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 32    | U         | 32  | 50.8 | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 72    | U         | 72  | 50.8 | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 190   | J         | 54  | 50.8 | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 56    | U         | 56  | 50.8 | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 50    | U         | 50  | 98.6 | 390        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 19    | U         | 19  | 98.6 | 390        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 50    | U         | 50  | 50.8 | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 61    | U         | 61  | 50.8 | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 54    | U         | 54  | 50.8 | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 60    | U         | 60  | 50.8 | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 47    | U         | 47  | 98.6 | 390        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 100   | U         | 100 | 98.6 | 390        | ug/Kg |
| 85-01-8    | Phenanthrene               | 3100  |           | 53  | 50.8 | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 61    | U         | 61  | 50.8 | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 520   |           | 51  | 50.8 | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 39    | U         | 39  | 50.8 | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 260   | J         | 54  | 98.6 | 390        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 140   | J         | 50  | 50.8 | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 5700  | E         | 53  | 98.6 | 200        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC24                 | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-01              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 16.6                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046004.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 4200   | E         | 53     | 50.8 | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 170    | J         | 38     | 50.8 | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 27     | U         | 27     | 98.6 | 390        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 2400   |           | 47     | 50.8 | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 2700   |           | 54     | 50.8 | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 450    |           | 53     | 50.8 | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 41     | U         | 41     | 98.6 | 390        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 3300   | E         | 50     | 50.8 | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1200   |           | 54     | 50.8 | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1600   |           | 50     | 50.8 | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1300   |           | 44     | 50.8 | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 520    |           | 44     | 50.8 | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 210    |           | 42     | 50.8 | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 44     | U         | 44     | 50.8 | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.212  |           | 15-120 |      | 40         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 5.16   | *         | 20-120 |      | 13         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 24.108 |           | 10-130 |      | 60         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 23.87  |           | 10-150 |      | 60         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.69  |           | 15-120 |      | 62         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 24.768 |           | 10-140 |      | 62         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 23.323 |           | 10-135 |      | 58         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 23.025 |           | 10-120 |      | 58         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 23.699 |           | 10-140 |      | 59         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 6.972  |           | 1-145  |      | 17         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 24.674 |           | 10-145 |      | 62         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 24.939 |           | 15-120 |      | 62         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 13.482 |           | 10-150 |      | 34         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 26.205 |           | 20-140 |      | 66         | SPK: -40 |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM       |
| Client Sample ID:  | BHC24                 | SDG No.:        | BM061324                    |
| Lab Sample ID:     | P2659-01              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 16.6                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046004.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 15.252 |           | 10-130 |     | 38         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 25.986 |           | 10-150 |     | 65         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 23.09  |           | 10-130 |     | 58         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 18.61  |           | 10-140 |     | 47         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 118084 | 7.434     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 515496 | 10.198    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 340331 | 14.08     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 773922 | 16.821    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 704650 | 21.039    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 689618 | 23.744    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol               | 170    | J         |        |     | 10.998     |          |
| 002235-15-6                           | 1(2H)-Acenaphthylenone             | 190    | J         |        |     | 15.816     |          |
| 000486-25-9                           | 9H-Fluoren-9-one                   | 190    | J         |        |     | 16.486     |          |
| 000233-02-3                           | Naphtho[2,1-b]thiophene            | 200    | J         |        |     | 16.645     |          |
| 000260-94-6                           | Acridine                           | 140    | J         |        |     | 17.027     |          |
| 002444-68-0                           | Anthracene, 9-ethenyl-             | 160    | J         |        |     | 17.351     |          |
| 016587-52-3                           | Dibenzothiophene, 3-methyl-        | 180    | J         |        |     | 17.404     |          |
|                                       | unknown-01                         | 270    | J         |        |     | 17.551     |          |
| 002531-84-2                           | Phenanthrene, 2-methyl-            | 640    | J         |        |     | 17.698     |          |
| 000832-69-9                           | Phenanthrene, 1-methyl-            | 1200   | J         |        |     | 17.751     |          |
| 000090-60-8                           | Benzaldehyde, 3,5-dichloro-2-hydro | 1000   | J         |        |     | 17.886     |          |
| 000949-41-7                           | 1H-Cyclopropa[1]phenanthrene,1a,9b | 480    | J         |        |     | 17.927     |          |
| 006572-60-7                           | Tricyclo[8.2.2.2(4,7)]hexadeca-2,4 | 350    | J         |        |     | 18.204     |          |
| 000084-65-1                           | 9,10-Anthracenedione               | 550    | J         |        |     | 18.251     |          |
| 1000452-24-5                          | 3,4-Dimethylphenanthrene           | 170    | J         |        |     | 18.451     |          |
| 000483-87-4                           | Phenanthrene, 1,7-dimethyl-        | 210    | J         |        |     | 18.504     |          |
| 001576-67-6                           | Phenanthrene, 3,6-dimethyl-        | 170    | J         |        |     | 18.545     |          |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM       |
| Client Sample ID:  | BHC24                 | SDG No.:        | BM061324                    |
| Lab Sample ID:     | P2659-01              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 16.6                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046004.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number  | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 002789-88-0 | di-p-Tolylacetylene                | 580   | J         |     |     | 18.627     |       |
| 003674-66-6 | Phenanthrene, 2,5-dimethyl-        | 420   | J         |     |     | 18.674     |       |
| 000781-43-1 | 9,10-Dimethylanthracene            | 140   | J         |     |     | 18.715     |       |
| 005737-13-3 | Cyclopenta(def)phenanthrenone      | 570   | J         |     |     | 18.768     |       |
| 002381-21-7 | Pyrene, 1-methyl-                  | 160   | J         |     |     | 19.58      |       |
| 000243-17-4 | 11H-Benzo[b]fluorene               | 150   | J         |     |     | 19.756     |       |
| 000239-35-0 | Benzo[b]naphtho[2,1-d]thiophene    | 140   | J         |     |     | 20.668     |       |
| 000203-12-3 | Benzo[ghi]fluoranthene             | 190   | J         |     |     | 20.751     |       |
|             | (DEL) Alkane: Straight-Chain21.733 | 130   | J         |     |     | 21.733     |       |
| 000638-66-4 | Octadecanal                        | 820   | J         |     |     | 22.598     |       |
|             | (DEL) Alkane: Straight-Chain23.027 | 690   | J         |     |     | 23.027     |       |
| 000192-97-2 | Benzo[e]pyrene                     | 480   | J         |     |     | 23.109     |       |
| 000205-82-3 | Benzo[j]fluoranthene               | 630   | J         |     |     | 23.497     |       |
| 000124-25-4 | Tetradecanal                       | 660   | J         |     |     | 24.145     |       |
|             | (DEL) Alkane: Straight-Chain24.615 | 1200  | J         |     |     | 24.615     |       |
| 000215-58-7 | Benzo[b]triphenylene               | 360   | J         |     |     | 26.327     |       |
| E966796     | Total Alkanes                      | 2000  |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM       |
| Client Sample ID:  | BHC25                 | SDG No.:        | BM061324                    |
| Lab Sample ID:     | P2659-02              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 12.1                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046005.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 7.5  | 76         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 85    | U         | 85  | 93.5 | 370        | ug/Kg |
| 110-86-1       | Pyridine                    | 49    | U         | 49  | 190  | 370        | ug/Kg |
| 108-95-2       | Phenol                      | 40    | U         | 40  | 93.5 | 370        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 39    | U         | 39  | 93.5 | 370        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 32    | U         | 32  | 48.2 | 190        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 34    | U         | 34  | 93.5 | 370        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 31    | U         | 31  | 93.5 | 370        | ug/Kg |
| 98-86-2        | Acetophenone                | 93    | J         | 43  | 93.5 | 370        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 36    | U         | 36  | 93.5 | 370        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 33    | U         | 33  | 48.2 | 190        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 26    | U         | 26  | 48.2 | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 41    | U         | 41  | 48.2 | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 39    | U         | 39  | 48.2 | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 36    | U         | 36  | 48.2 | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 32    | U         | 32  | 48.2 | 190        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 43    | U         | 43  | 48.2 | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 44    | U         | 44  | 48.2 | 190        | ug/Kg |
| 91-20-3        | Naphthalene                 | 74    | J         | 39  | 48.2 | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 49    | U         | 49  | 48.2 | 370        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 39    | U         | 39  | 48.2 | 190        | ug/Kg |
| 105-60-2       | Caprolactam                 | 140   | U         | 140 | 93.5 | 370        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 32    | U         | 32  | 48.2 | 190        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 76    | J         | 46  | 48.2 | 190        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 64    | J         | 42  | 48.2 | 190        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 90    | U         | 90  | 93.5 | 370        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 49    | U         | 49  | 48.2 | 190        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 48    | U         | 48  | 48.2 | 190        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC25                 | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-02              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 12.1                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500              uL   |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046005.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 54    | U         | 54  | 48.2 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 51    | U         | 51  | 48.2 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 25    | U         | 25  | 48.2 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 48    | U         | 48  | 48.2 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 24    | U         | 24  | 48.2 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 560   |           | 49  | 48.2 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 23    | U         | 23  | 93.5 | 370        | ug/Kg |
| 83-32-9    | Acenaphthene               | 120   | J         | 46  | 48.2 | 190        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 140   | U         | 140 | 93.5 | 370        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 46    | U         | 46  | 93.5 | 370        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 80    | J         | 52  | 48.2 | 190        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 31    | U         | 31  | 48.2 | 190        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 68    | U         | 68  | 48.2 | 190        | ug/Kg |
| 86-73-7    | Fluorene                   | 230   |           | 51  | 48.2 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 53    | U         | 53  | 48.2 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 48    | U         | 48  | 93.5 | 370        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 18    | U         | 18  | 93.5 | 370        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 48    | U         | 48  | 48.2 | 190        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 58    | U         | 58  | 48.2 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 51    | U         | 51  | 48.2 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 57    | U         | 57  | 48.2 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                   | 44    | U         | 44  | 93.5 | 370        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 99    | U         | 99  | 93.5 | 370        | ug/Kg |
| 85-01-8    | Phenanthrene               | 3700  | E         | 50  | 48.2 | 190        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 58    | U         | 58  | 48.2 | 190        | ug/Kg |
| 120-12-7   | Anthracene                 | 630   |           | 49  | 48.2 | 190        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 37    | U         | 37  | 48.2 | 190        | ug/Kg |
| 86-74-8    | Carbazole                  | 330   | J         | 51  | 93.5 | 370        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 48    | U         | 48  | 48.2 | 190        | ug/Kg |
| 206-44-0   | Fluoranthene               | 6800  | E         | 50  | 93.5 | 190        | ug/Kg |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC25              | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-02           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 12.1                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046005.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 5000   | E         | 50     | 48.2 | 190        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 150    | J         | 36     | 48.2 | 190        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 26     | U         | 26     | 93.5 | 370        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 2700   |           | 44     | 48.2 | 190        | ug/Kg    |
| 218-01-9          | Chrysene                    | 3200   | E         | 51     | 48.2 | 190        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 390    |           | 50     | 48.2 | 190        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 39     | U         | 39     | 93.5 | 370        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 3900   | E         | 48     | 48.2 | 190        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1300   |           | 51     | 48.2 | 190        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1900   |           | 48     | 48.2 | 190        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1500   |           | 42     | 48.2 | 190        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 600    |           | 42     | 48.2 | 190        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 240    |           | 40     | 48.2 | 190        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 42     | U         | 42     | 48.2 | 190        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.916  |           | 15-120 |      | 49         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 7.934  |           | 20-120 |      | 20         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 25.072 |           | 10-130 |      | 63         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 24.721 |           | 10-150 |      | 62         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 26.463 |           | 15-120 |      | 66         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 24.447 |           | 10-140 |      | 61         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 25.48  |           | 10-135 |      | 64         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 26.448 |           | 10-120 |      | 66         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 25.564 |           | 10-140 |      | 64         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 9.593  |           | 1-145  |      | 24         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.013 |           | 10-145 |      | 65         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 26.107 |           | 15-120 |      | 65         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 14.997 |           | 10-150 |      | 37         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 26.657 |           | 20-140 |      | 67         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC25              | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-02           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 12.1                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046005.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 15.632 |           | 10-130 |     | 39         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 27.14  |           | 10-150 |     | 68         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 24.371 |           | 10-130 |     | 61         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 19.305 |           | 10-140 |     | 48         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 146408 | 7.434     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 626082 | 10.198    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 400366 | 14.08     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 839994 | 16.821    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 690864 | 21.045    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 660147 | 23.744    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol               | 180    | J         |        |     | 10.992     |          |
| 002235-15-6                           | 1(2H)-Acenaphthylenone             | 200    | J         |        |     | 15.816     |          |
| 001730-37-6                           | 9H-Fluorene, 1-methyl-             | 140    | J         |        |     | 16.139     |          |
| 000486-25-9                           | 9H-Fluoren-9-one                   | 220    | J         |        |     | 16.486     |          |
| 000132-65-0                           | Dibenzothiophene                   | 160    | J         |        |     | 16.645     |          |
| 000260-94-6                           | Acridine                           | 170    | J         |        |     | 17.021     |          |
| 000605-02-7                           | Naphthalene, 1-phenyl-             | 190    | J         |        |     | 17.351     |          |
| 1000383-55-1                          | 2-Methyldibenzothiophene           | 210    | J         |        |     | 17.404     |          |
| 002531-84-2                           | Phenanthrene, 2-methyl-            | 730    | J         |        |     | 17.698     |          |
| 000613-12-7                           | Anthracene, 2-methyl-              | 1200   | J         |        |     | 17.745     |          |
| 000832-69-9                           | Phenanthrene, 1-methyl-            | 200    | J         |        |     | 17.821     |          |
| 000090-60-8                           | Benzaldehyde, 3,5-dichloro-2-hydro | 1200   | J         |        |     | 17.886     |          |
| 000610-48-0                           | Anthracene, 1-methyl-              | 530    | J         |        |     | 17.927     |          |
| 1000404-86-1                          | 4aH-carbazole, 6-methyl-           | 150    | J         |        |     | 18.021     |          |
| 093327-56-1                           | 6-Phenylbenzocyclohepten-7-one     | 450    | J         |        |     | 18.204     |          |
| 000084-65-1                           | 9,10-Anthracenedione               | 660    | J         |        |     | 18.251     |          |
| 001576-67-6                           | Phenanthrene, 3,6-dimethyl-        | 200    | J         |        |     | 18.451     |          |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC25              | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-02           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 12.1                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046005.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number  | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 000483-87-4 | Phenanthrene, 1,7-dimethyl-        | 250   | J         |     |     | 18.504     |       |
| 003674-66-6 | Phenanthrene, 2,5-dimethyl-        | 190   | J         |     |     | 18.545     |       |
| 002789-88-0 | di-p-Tolylacetylene                | 640   | J         |     |     | 18.627     |       |
|             | unknown-01                         | 480   | J         |     |     | 18.686     |       |
| 000781-43-1 | 9,10-Dimethylanthracene            | 160   | J         |     |     | 18.715     |       |
| 005737-13-3 | Cyclopenta(def)phenanthrenone      | 650   | J         |     |     | 18.768     |       |
| 002381-21-7 | Pyrene, 1-methyl-                  | 180   | J         |     |     | 19.58      |       |
| 000243-17-4 | 11H-Benzo[b]fluorene               | 150   | J         |     |     | 19.756     |       |
| 000203-12-3 | Benzo[ghi]fluoranthene             | 170   | J         |     |     | 20.75      |       |
|             | unknown-02                         | 480   | J         |     |     | 22.598     |       |
| 056221-91-1 | 13-Tetradecen-1-ol acetate         | 420   | J         |     |     | 23.027     |       |
| 000192-97-2 | Benzo[e]pyrene                     | 570   | J         |     |     | 23.115     |       |
| 000205-82-3 | Benzo[j]fluoranthene               | 740   | J         |     |     | 23.497     |       |
|             | (DEL) Alkane: Straight-Chain24.615 | 650   | J         |     |     | 24.615     |       |
| E966796     | Total Alkanes                      | 650   |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC26        | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-03     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 9.7                   |
| 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 |
| BM046006.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 14    | U         | 14  | 7.3  | 74         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 83    | U         | 83  | 91.4 | 370        | ug/Kg |
| 110-86-1       | Pyridine                    | 48    | U         | 48  | 180  | 370        | ug/Kg |
| 108-95-2       | Phenol                      | 39    | U         | 39  | 91.4 | 370        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 38    | U         | 38  | 91.4 | 370        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 31    | U         | 31  | 47.1 | 190        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 33    | U         | 33  | 91.4 | 370        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 30    | U         | 30  | 91.4 | 370        | ug/Kg |
| 98-86-2        | Acetophenone                | 53    | J         | 42  | 91.4 | 370        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 35    | U         | 35  | 91.4 | 370        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 32    | U         | 32  | 47.1 | 190        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 25    | U         | 25  | 47.1 | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 40    | U         | 40  | 47.1 | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 38    | U         | 38  | 47.1 | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 35    | U         | 35  | 47.1 | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 31    | U         | 31  | 47.1 | 190        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 42    | U         | 42  | 47.1 | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 43    | U         | 43  | 47.1 | 190        | ug/Kg |
| 91-20-3        | Naphthalene                 | 43    | J         | 38  | 47.1 | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 48    | U         | 48  | 47.1 | 370        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 38    | U         | 38  | 47.1 | 190        | ug/Kg |
| 105-60-2       | Caprolactam                 | 130   | U         | 130 | 91.4 | 370        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 31    | U         | 31  | 47.1 | 190        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 45    | U         | 45  | 47.1 | 190        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 41    | U         | 41  | 47.1 | 190        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 87    | U         | 87  | 91.4 | 370        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 48    | U         | 48  | 47.1 | 190        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 47    | U         | 47  | 47.1 | 190        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC26        | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-03     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 9.7                   |
| 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 |
| BM046006.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 53    | U         | 53  | 47.1 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 50    | U         | 50  | 47.1 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 24    | U         | 24  | 47.1 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 47    | U         | 47  | 47.1 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 23    | U         | 23  | 47.1 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 380   |           | 48  | 47.1 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 22    | U         | 22  | 91.4 | 370        | ug/Kg |
| 83-32-9    | Acenaphthene               | 67    | J         | 45  | 47.1 | 190        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 130   | U         | 130 | 91.4 | 370        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 45    | U         | 45  | 91.4 | 370        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 51    | U         | 51  | 47.1 | 190        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 30    | U         | 30  | 47.1 | 190        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 66    | U         | 66  | 47.1 | 190        | ug/Kg |
| 86-73-7    | Fluorene                   | 150   | J         | 50  | 47.1 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 52    | U         | 52  | 47.1 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 47    | U         | 47  | 91.4 | 370        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 18    | U         | 18  | 91.4 | 370        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 47    | U         | 47  | 47.1 | 190        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 56    | U         | 56  | 47.1 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 50    | U         | 50  | 47.1 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 55    | U         | 55  | 47.1 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                   | 43    | U         | 43  | 91.4 | 370        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 96    | U         | 96  | 91.4 | 370        | ug/Kg |
| 85-01-8    | Phenanthrene               | 2400  |           | 49  | 47.1 | 190        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 56    | U         | 56  | 47.1 | 190        | ug/Kg |
| 120-12-7   | Anthracene                 | 420   |           | 48  | 47.1 | 190        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 37    | U         | 37  | 47.1 | 190        | ug/Kg |
| 86-74-8    | Carbazole                  | 210   | J         | 50  | 91.4 | 370        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 47    | U         | 47  | 47.1 | 190        | ug/Kg |
| 206-44-0   | Fluoranthene               | 4800  | E         | 49  | 91.4 | 190        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC26        | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-03     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 9.7                   |
| 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 |
| BM046006.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 3400   | E         | 49     | 47.1 | 190        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 55     | J         | 35     | 47.1 | 190        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 25     | U         | 25     | 91.4 | 370        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 2000   |           | 43     | 47.1 | 190        | ug/Kg    |
| 218-01-9          | Chrysene                    | 2200   |           | 50     | 47.1 | 190        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 120    | J         | 49     | 47.1 | 190        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 38     | U         | 38     | 91.4 | 370        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 2700   |           | 47     | 47.1 | 190        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1000   |           | 50     | 47.1 | 190        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1300   |           | 47     | 47.1 | 190        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1000   |           | 41     | 47.1 | 190        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 420    |           | 41     | 47.1 | 190        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 160    | J         | 39     | 47.1 | 190        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 41     | U         | 41     | 47.1 | 190        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.972  |           | 15-120 |      | 37         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 6.134  | *         | 20-120 |      | 15         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 21.732 |           | 10-130 |      | 54         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 21.042 |           | 10-150 |      | 53         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 22.745 |           | 15-120 |      | 57         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 20.47  |           | 10-140 |      | 51         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 22.015 |           | 10-135 |      | 55         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 23.429 |           | 10-120 |      | 59         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 21.843 |           | 10-140 |      | 55         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 7.927  |           | 1-145  |      | 20         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 22.746 |           | 10-145 |      | 57         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 22.69  |           | 15-120 |      | 57         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 13.604 |           | 10-150 |      | 34         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 23.15  |           | 20-140 |      | 58         | SPK: -40 |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC26     | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-03  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 9.7                   |
| Sample Wt/Vol:     | 30        | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
| Extraction Type :  |           | Test:           |                       |
| Decanted :         |           | Level :         | LOW                   |
| Injection Volume : |           | GPC Factor :    |                       |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046006.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number                            | Parameter                           | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2       | 12.546 |           | 10-130 |     | 31         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                      | 23.18  |           | 10-150 |     | 58         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                          | 21.509 |           | 10-130 |     | 54         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                  | 16.67  |           | 10-140 |     | 42         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                     |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4              | 162947 | 7.434     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                      | 689487 | 10.198    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                    | 434633 | 14.08     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                    | 905311 | 16.821    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                        | 715283 | 21.039    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                        | 688425 | 23.744    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                     |        |           |        |     |            |          |
| 000079-39-0                           | Methacrylamide                      | 240    | J         |        |     | 3.528      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol                | 100    | J         |        |     | 10.998     |          |
| 002235-15-6                           | 1(2H)-Acenaphthylenone              | 140    | J         |        |     | 15.815     |          |
| 001730-37-6                           | 9H-Fluorene, 1-methyl-              | 100    | J         |        |     | 16.139     |          |
| 000486-25-9                           | 9H-Fluoren-9-one                    | 150    | J         |        |     | 16.486     |          |
| 000132-65-0                           | Dibenzothiophene                    | 140    | J         |        |     | 16.645     |          |
| 000260-94-6                           | Acridine                            | 99     | J         |        |     | 17.027     |          |
| 000605-02-7                           | Naphthalene, 1-phenyl-              | 130    | J         |        |     | 17.351     |          |
| 1000383-55-1                          | 2-Methyldibenzothiophene            | 130    | J         |        |     | 17.409     |          |
| 002531-84-2                           | Phenanthrene, 2-methyl-             | 430    | J         |        |     | 17.698     |          |
| 000832-69-9                           | Phenanthrene, 1-methyl-             | 690    | J         |        |     | 17.745     |          |
| 000949-41-7                           | 1H-Cyclopropa[1]phenanthrene, 1a,9b | 120    | J         |        |     | 17.821     |          |
| 000090-60-8                           | Benzaldehyde, 3,5-dichloro-2-hydro  | 730    | J         |        |     | 17.886     |          |
| 000613-12-7                           | Anthracene, 2-methyl-               | 290    | J         |        |     | 17.927     |          |
| 093327-56-1                           | 6-Phenylbenzocyclohepten-7-one      | 280    | J         |        |     | 18.203     |          |
| 000084-65-1                           | 9,10-Anthracenedione                | 400    | J         |        |     | 18.25      |          |
| 003674-65-5                           | Phenanthrene, 2,3-dimethyl-         | 120    | J         |        |     | 18.451     |          |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC26        | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-03     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 9.7                   |
| 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 |
| BM046006.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number  | Parameter                       | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|---------------------------------|--------|-----------|-----|-----|------------|-------|
| 001576-67-6 | Phenanthrene, 3,6-dimethyl-     | 150    | J         |     |     | 18.503     |       |
| 003674-66-6 | Phenanthrene, 2,5-dimethyl-     | 350    | J         |     |     | 18.627     |       |
|             | unknown-01                      | 270    | J         |     |     | 18.686     |       |
| 005737-13-3 | Cyclopenta(def)phenanthrenone   | 390    | J         |     |     | 18.768     |       |
| 000238-84-6 | 11H-Benzo[a]fluorene            | 140    | J         |     |     | 19.58      |       |
| 000243-17-4 | 11H-Benzo[b]fluorene            | 140    | J         |     |     | 19.756     |       |
| 002381-21-7 | Pyrene, 1-methyl-               | 110    | J         |     |     | 19.909     |       |
| 000479-79-8 | 11H-Benzo[a]fluoren-11-one      | 100    | J         |     |     | 20.509     |       |
| 000239-35-0 | Benzo[b]naphtho[2,1-d]thiophene | 100    | J         |     |     | 20.668     |       |
| 000203-12-3 | Benzo[ghi]fluoranthene          | 150    | J         |     |     | 20.75      |       |
| 000082-05-3 | 7H-Benz[de]anthracen-7-one      | 100    | J         |     |     | 20.809     |       |
| 000192-97-2 | Benzo[e]pyrene                  | 390    | J         |     |     | 23.115     |       |
| 000198-55-0 | Perylene                        | 570    | J         |     |     | 23.491     |       |
|             | (DEL) Alkane: Straight-Chain    | 24.615 | J         |     |     | 24.615     |       |
| E966796     | Total Alkanes                   | 360    |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM       |
| Client Sample ID:  | BHC31                 | SDG No.:        | BM061324                    |
| Lab Sample ID:     | P2659-10              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 10.8                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046007.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 7.4  | 74         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 84    | U         | 84  | 92.2 | 370        | ug/Kg |
| 110-86-1       | Pyridine                    | 48    | U         | 48  | 180  | 370        | ug/Kg |
| 108-95-2       | Phenol                      | 39    | U         | 39  | 92.2 | 370        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 38    | U         | 38  | 92.2 | 370        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 31    | U         | 31  | 47.5 | 190        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 34    | U         | 34  | 92.2 | 370        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 30    | U         | 30  | 92.2 | 370        | ug/Kg |
| 98-86-2        | Acetophenone                | 42    | U         | 42  | 92.2 | 370        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 36    | U         | 36  | 92.2 | 370        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 32    | U         | 32  | 47.5 | 190        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 26    | U         | 26  | 47.5 | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 40    | U         | 40  | 47.5 | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 38    | U         | 38  | 47.5 | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 36    | U         | 36  | 47.5 | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 31    | U         | 31  | 47.5 | 190        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 42    | U         | 42  | 47.5 | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 44    | U         | 44  | 47.5 | 190        | ug/Kg |
| 91-20-3        | Naphthalene                 | 38    | U         | 38  | 47.5 | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 48    | U         | 48  | 47.5 | 370        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 38    | U         | 38  | 47.5 | 190        | ug/Kg |
| 105-60-2       | Caprolactam                 | 130   | U         | 130 | 92.2 | 370        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 31    | U         | 31  | 47.5 | 190        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 46    | U         | 46  | 47.5 | 190        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 41    | U         | 41  | 47.5 | 190        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 88    | U         | 88  | 92.2 | 370        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 48    | U         | 48  | 47.5 | 190        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 47    | U         | 47  | 47.5 | 190        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM       |
| Client Sample ID:  | BHC31                 | SDG No.:        | BM061324                    |
| Lab Sample ID:     | P2659-10              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 10.8                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046007.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 54    | U         | 54  | 47.5 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 50    | U         | 50  | 47.5 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 25    | U         | 25  | 47.5 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 47    | U         | 47  | 47.5 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 23    | U         | 23  | 47.5 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 190   |           | 48  | 47.5 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 22    | U         | 22  | 92.2 | 370        | ug/Kg |
| 83-32-9    | Acenaphthene               | 46    | U         | 46  | 47.5 | 190        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 130   | U         | 130 | 92.2 | 370        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 46    | U         | 46  | 92.2 | 370        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 51    | U         | 51  | 47.5 | 190        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 30    | U         | 30  | 47.5 | 190        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 67    | U         | 67  | 47.5 | 190        | ug/Kg |
| 86-73-7    | Fluorene                   | 64    | J         | 50  | 47.5 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 53    | U         | 53  | 47.5 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 47    | U         | 47  | 92.2 | 370        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 18    | U         | 18  | 92.2 | 370        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 47    | U         | 47  | 47.5 | 190        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 57    | U         | 57  | 47.5 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 50    | U         | 50  | 47.5 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 56    | U         | 56  | 47.5 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                   | 44    | U         | 44  | 92.2 | 370        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 97    | U         | 97  | 92.2 | 370        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1000  |           | 49  | 47.5 | 190        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 57    | U         | 57  | 47.5 | 190        | ug/Kg |
| 120-12-7   | Anthracene                 | 180   | J         | 48  | 47.5 | 190        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 37    | U         | 37  | 47.5 | 190        | ug/Kg |
| 86-74-8    | Carbazole                  | 82    | J         | 50  | 92.2 | 370        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 47    | U         | 47  | 47.5 | 190        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1900  |           | 49  | 92.2 | 190        | ug/Kg |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC31              | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-10           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 10.8                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046007.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1400   |           | 49     | 47.5 | 190        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 36     | U         | 36     | 47.5 | 190        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 26     | U         | 26     | 92.2 | 370        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 830    |           | 44     | 47.5 | 190        | ug/Kg    |
| 218-01-9          | Chrysene                    | 930    |           | 50     | 47.5 | 190        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 49     | U         | 49     | 47.5 | 190        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 38     | U         | 38     | 92.2 | 370        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1100   |           | 47     | 47.5 | 190        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 420    |           | 50     | 47.5 | 190        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 550    |           | 47     | 47.5 | 190        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 410    |           | 41     | 47.5 | 190        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 170    | J         | 41     | 47.5 | 190        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 68     | J         | 39     | 47.5 | 190        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 41     | U         | 41     | 47.5 | 190        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.305  |           | 15-120 |      | 41         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 5.171  | *         | 20-120 |      | 13         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 22.444 |           | 10-130 |      | 56         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 23.457 |           | 10-150 |      | 59         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.631 |           | 15-120 |      | 62         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 19.707 |           | 10-140 |      | 49         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 23.9   |           | 10-135 |      | 60         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 25.289 |           | 10-120 |      | 63         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 23.735 |           | 10-140 |      | 59         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 10.571 |           | 1-145  |      | 26         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 24.911 |           | 10-145 |      | 62         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 24.689 |           | 15-120 |      | 62         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 15.172 |           | 10-150 |      | 38         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.375 |           | 20-140 |      | 63         | SPK: -40 |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM       |
| Client Sample ID:  | BHC31                 | SDG No.:        | BM061324                    |
| Lab Sample ID:     | P2659-10              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 10.8                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046007.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number                            | Parameter                      | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|--------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2  | 15.46  |           | 10-130 |     | 39         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                 | 24.925 |           | 10-150 |     | 62         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                     | 22.028 |           | 10-130 |     | 55         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12             | 18.457 |           | 10-140 |     | 46         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4         | 151115 | 7.434     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                 | 644302 | 10.198    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10               | 400560 | 14.08     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10               | 846132 | 16.821    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                   | 723082 | 21.039    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                   | 696142 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                |        |           |        |     |            |          |
| 000057-55-6                           | Propylene Glycol               | 160    | J         |        |     | 3.328      |          |
| 000079-39-0                           | Methacrylamide                 | 220    | J         |        |     | 3.528      |          |
|                                       | unknown-01                     | 100    | J         |        |     | 4.616      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol           | 170    | J         |        |     | 10.998     |          |
|                                       | unknown-02                     | 850    | J         |        |     | 14.316     |          |
| 002531-84-2                           | Phenanthrene, 2-methyl-        | 240    | J         |        |     | 17.698     |          |
| 000832-69-9                           | Phenanthrene, 1-methyl-        | 440    | J         |        |     | 17.751     |          |
| 000613-12-7                           | Anthracene, 2-methyl-          | 78     | J         |        |     | 17.827     |          |
| 083469-43-6                           | 6H-Cyclobuta[jk]phenanthrene   | 370    | J         |        |     | 17.886     |          |
| 000610-48-0                           | Anthracene, 1-methyl-          | 170    | J         |        |     | 17.927     |          |
| 093327-56-1                           | 6-Phenylbenzocyclohepten-7-one | 120    | J         |        |     | 18.204     |          |
| 000084-65-1                           | 9,10-Anthracenedione           | 180    | J         |        |     | 18.251     |          |
| 1000452-24-5                          | 3,4-Dimethylphenanthrene       | 220    | J         |        |     | 18.627     |          |
|                                       | unknown-03                     | 150    | J         |        |     | 18.692     |          |
| 005737-13-3                           | Cyclopenta(def)phenanthrenone  | 200    | J         |        |     | 18.768     |          |
| 002381-21-7                           | Pyrene, 1-methyl-              | 120    | J         |        |     | 19.586     |          |
| 000243-17-4                           | 11H-Benzo[b]fluorene           | 75     | J         |        |     | 19.721     |          |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC31              | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-10           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 10.8                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046007.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number  | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 000238-84-6 | 11H-Benzo[a]fluorene               | 120   | J         |     |     | 19.756     |       |
| 003353-12-6 | Pyrene, 4-methyl-                  | 110   | J         |     |     | 19.909     |       |
| 000479-79-8 | 11H-Benzo[a]fluoren-11-one         | 90    | J         |     |     | 20.503     |       |
| 000239-35-0 | Benzo[b]naphtho[2,1-d]thiophene    | 85    | J         |     |     | 20.668     |       |
|             | (DEL) Alkane: Straight-Chain20.751 | 150   | J         |     |     | 20.751     |       |
| 000082-05-3 | 7H-Benz[de]anthracen-7-one         | 85    | J         |     |     | 20.804     |       |
| 002541-69-7 | Benz[a]anthracene, 7-methyl-       | 91    | J         |     |     | 21.733     |       |
|             | (DEL) Alkane: Straight-Chain22.303 | 82    | J         |     |     | 22.303     |       |
| 000192-97-2 | Benzo[e]pyrene                     | 170   | J         |     |     | 23.109     |       |
| 000198-55-0 | Perylene                           | 250   | J         |     |     | 23.492     |       |
| E966796     | Total Alkanes                      | 230   |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC32        | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-11     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 12.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046008.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 7.5  | 76         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 85    | U         | 85  | 94   | 380        | ug/Kg |
| 110-86-1       | Pyridine                    | 49    | U         | 49  | 190  | 380        | ug/Kg |
| 108-95-2       | Phenol                      | 40    | U         | 40  | 94   | 380        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 39    | U         | 39  | 94   | 380        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 32    | U         | 32  | 48.4 | 190        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 34    | U         | 34  | 94   | 380        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 31    | U         | 31  | 94   | 380        | ug/Kg |
| 98-86-2        | Acetophenone                | 46    | J         | 43  | 94   | 380        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 36    | U         | 36  | 94   | 380        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 33    | U         | 33  | 48.4 | 190        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 26    | U         | 26  | 48.4 | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 41    | U         | 41  | 48.4 | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 39    | U         | 39  | 48.4 | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 36    | U         | 36  | 48.4 | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 32    | U         | 32  | 48.4 | 190        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 43    | U         | 43  | 48.4 | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 44    | U         | 44  | 48.4 | 190        | ug/Kg |
| 91-20-3        | Naphthalene                 | 47    | J         | 39  | 48.4 | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 49    | U         | 49  | 48.4 | 380        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 39    | U         | 39  | 48.4 | 190        | ug/Kg |
| 105-60-2       | Caprolactam                 | 140   | U         | 140 | 94   | 380        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 32    | U         | 32  | 48.4 | 190        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 47    | U         | 47  | 48.4 | 190        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 42    | U         | 42  | 48.4 | 190        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 90    | U         | 90  | 94   | 380        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 49    | U         | 49  | 48.4 | 190        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 48    | U         | 48  | 48.4 | 190        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC32        | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-11     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 12.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046008.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 55    | U         | 55  | 48.4 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 51    | U         | 51  | 48.4 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 25    | U         | 25  | 48.4 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 48    | U         | 48  | 48.4 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 24    | U         | 24  | 48.4 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 240   |           | 49  | 48.4 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 23    | U         | 23  | 94   | 380        | ug/Kg |
| 83-32-9    | Acenaphthene               | 49    | J         | 47  | 48.4 | 190        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 140   | U         | 140 | 94   | 380        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 47    | U         | 47  | 94   | 380        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 52    | U         | 52  | 48.4 | 190        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 31    | U         | 31  | 48.4 | 190        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 68    | U         | 68  | 48.4 | 190        | ug/Kg |
| 86-73-7    | Fluorene                   | 100   | J         | 51  | 48.4 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 54    | U         | 54  | 48.4 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 48    | U         | 48  | 94   | 380        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 18    | U         | 18  | 94   | 380        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 48    | U         | 48  | 48.4 | 190        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 58    | U         | 58  | 48.4 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 51    | U         | 51  | 48.4 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 57    | U         | 57  | 48.4 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                   | 44    | U         | 44  | 94   | 380        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 99    | U         | 99  | 94   | 380        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1600  |           | 50  | 48.4 | 190        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 58    | U         | 58  | 48.4 | 190        | ug/Kg |
| 120-12-7   | Anthracene                 | 250   |           | 49  | 48.4 | 190        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 38    | U         | 38  | 48.4 | 190        | ug/Kg |
| 86-74-8    | Carbazole                  | 120   | J         | 51  | 94   | 380        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 48    | U         | 48  | 48.4 | 190        | ug/Kg |
| 206-44-0   | Fluoranthene               | 2700  |           | 50  | 94   | 190        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC32        | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-11     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 12.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046008.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 2000   |           | 50     | 48.4 | 190        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 36     | U         | 36     | 48.4 | 190        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 26     | U         | 26     | 94   | 380        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1100   |           | 44     | 48.4 | 190        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1300   |           | 51     | 48.4 | 190        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 50     | U         | 50     | 48.4 | 190        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 39     | U         | 39     | 94   | 380        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1500   |           | 48     | 48.4 | 190        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 520    |           | 51     | 48.4 | 190        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 720    |           | 48     | 48.4 | 190        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 560    |           | 42     | 48.4 | 190        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 240    |           | 42     | 48.4 | 190        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 91     | J         | 40     | 48.4 | 190        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 42     | U         | 42     | 48.4 | 190        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.325  |           | 15-120 |      | 54         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 6.225  | *         | 20-120 |      | 16         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 32.153 |           | 10-130 |      | 80         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 32.402 |           | 10-150 |      | 81         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 34.969 |           | 15-120 |      | 87         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 29.664 |           | 10-140 |      | 74         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 34.427 |           | 10-135 |      | 86         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 36.123 |           | 10-120 |      | 90         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 33.995 |           | 10-140 |      | 85         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 16.942 |           | 1-145  |      | 42         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 35.163 |           | 10-145 |      | 88         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 35.295 |           | 15-120 |      | 88         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 22.554 |           | 10-150 |      | 56         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 35.249 |           | 20-140 |      | 88         | SPK: -40 |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC32     | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-11  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 12.2                  |
| Sample Wt/Vol:     | 30        | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           |                       |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046008.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number                            | Parameter                           | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2       | 21.258 |           | 10-130 |     | 53         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                      | 35.227 |           | 10-150 |     | 88         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                          | 32.43  |           | 10-130 |     | 81         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                  | 25.075 |           | 10-140 |     | 63         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                     |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4              | 135129 | 7.434     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                      | 579857 | 10.198    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                    | 358014 | 14.08     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                    | 748518 | 16.821    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                        | 570996 | 21.039    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                        | 553630 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                     |        |           |        |     |            |          |
| 000057-55-6                           | Propylene Glycol                    | 97     | J         |        |     | 3.34       |          |
| 000079-39-0                           | Methacrylamide                      | 140    | J         |        |     | 3.528      |          |
|                                       | unknown-01                          | 120    | J         |        |     | 4.616      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol                | 240    | J         |        |     | 10.998     |          |
| 002245-38-7                           | Naphthalene, 1,6,7-trimethyl-       | 97     | J         |        |     | 14.486     |          |
| 000486-25-9                           | 9H-Fluoren-9-one                    | 100    | J         |        |     | 16.486     |          |
| 000132-65-0                           | Dibenzothiophene                    | 110    | J         |        |     | 16.645     |          |
| 016587-52-3                           | Dibenzothiophene, 3-methyl-         | 85     | J         |        |     | 17.41      |          |
| 002531-84-2                           | Phenanthrene, 2-methyl-             | 340    | J         |        |     | 17.698     |          |
| 000832-69-9                           | Phenanthrene, 1-methyl-             | 670    | J         |        |     | 17.751     |          |
| 000949-41-7                           | 1H-Cyclopropa[1]phenanthrene, 1a,9b | 99     | J         |        |     | 17.827     |          |
| 000203-64-5                           | 4H-Cyclopenta[def]phenanthrene      | 510    | J         |        |     | 17.886     |          |
| 000613-12-7                           | Anthracene, 2-methyl-               | 260    | J         |        |     | 17.927     |          |
| 000612-94-2                           | Naphthalene, 2-phenyl-              | 180    | J         |        |     | 18.209     |          |
| 000084-65-1                           | 9,10-Anthracenedione                | 250    | J         |        |     | 18.251     |          |
| 000483-87-4                           | Phenanthrene, 1,7-dimethyl-         | 110    | J         |        |     | 18.451     |          |
| 001576-67-6                           | Phenanthrene, 3,6-dimethyl-         | 150    | J         |        |     | 18.504     |          |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC32        | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-11     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 12.2                  |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL           | Test:           |                       |
| Extraction Type :  | Decanted :   | Level :         | LOW                   |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046008.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number  | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 003674-66-6 | Phenanthrene, 2,5-dimethyl-        | 320   | J         |     |     | 18.627     |       |
| 002789-88-0 | di-p-Tolylacetylene                | 220   | J         |     |     | 18.68      |       |
| 005737-13-3 | Cyclopenta(def)phenanthrenone      | 290   | J         |     |     | 18.768     |       |
| 002381-21-7 | Pyrene, 1-methyl-                  | 150   | J         |     |     | 19.58      |       |
| 033543-31-6 | Fluoranthene, 2-methyl-            | 87    | J         |     |     | 19.721     |       |
| 000243-17-4 | 11H-Benzo[b]fluorene               | 140   | J         |     |     | 19.756     |       |
| 003353-12-6 | Pyrene, 4-methyl-                  | 130   | J         |     |     | 19.909     |       |
| 000479-79-8 | 11H-Benzo[a]fluoren-11-one         | 100   | J         |     |     | 20.503     |       |
|             | (DEL) Alkane: Cyclic20.751         | 190   | J         |     |     | 20.751     |       |
| 000082-05-3 | 7H-Benz[de]anthracen-7-one         | 92    | J         |     |     | 20.804     |       |
| 002541-69-7 | Benz[a]anthracene, 7-methyl-       | 96    | J         |     |     | 21.727     |       |
| 000301-02-0 | 9-Octadecenamide, (Z)-             | 98    | J         |     |     | 22.303     |       |
| 000192-97-2 | Benzo[e]pyrene                     | 250   | J         |     |     | 23.109     |       |
| 000198-55-0 | Perylene                           | 240   | J         |     |     | 23.492     |       |
|             | (DEL) Alkane: Straight-Chain24.609 | 300   | J         |     |     | 24.609     |       |
| E966796     | Total Alkanes                      | 490   |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM       |
| Client Sample ID:  | BHC34                 | SDG No.:        | BM061324                    |
| Lab Sample ID:     | P2659-13              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 17                          |
| 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 |
| BM046009.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 16    | U         | 16  | 7.9  | 80         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 90    | U         | 90  | 99.1 | 400        | ug/Kg |
| 110-86-1       | Pyridine                    | 52    | U         | 52  | 200  | 400        | ug/Kg |
| 108-95-2       | Phenol                      | 42    | U         | 42  | 99.1 | 400        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 41    | U         | 41  | 99.1 | 400        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 34    | U         | 34  | 51   | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 36    | U         | 36  | 99.1 | 400        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 32    | U         | 32  | 99.1 | 400        | ug/Kg |
| 98-86-2        | Acetophenone                | 65    | J         | 46  | 99.1 | 400        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 38    | U         | 38  | 99.1 | 400        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 35    | U         | 35  | 51   | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 28    | U         | 28  | 51   | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 43    | U         | 43  | 51   | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 41    | U         | 41  | 51   | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 38    | U         | 38  | 51   | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 34    | U         | 34  | 51   | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 46    | U         | 46  | 51   | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 47    | U         | 47  | 51   | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 41    | U         | 41  | 51   | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 52    | U         | 52  | 51   | 400        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 41    | U         | 41  | 51   | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 140   | U         | 140 | 99.1 | 400        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 34    | U         | 34  | 51   | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 49    | U         | 49  | 51   | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 44    | U         | 44  | 51   | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 95    | U         | 95  | 99.1 | 400        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 52    | U         | 52  | 51   | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 50    | U         | 50  | 51   | 200        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM       |
| Client Sample ID:  | BHC34                 | SDG No.:        | BM061324                    |
| Lab Sample ID:     | P2659-13              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 17                          |
| 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 |
| BM046009.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 58    | U         | 58  | 51   | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 54    | U         | 54  | 51   | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 26    | U         | 26  | 51   | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 50    | U         | 50  | 51   | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 25    | U         | 25  | 51   | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 210   |           | 52  | 51   | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 24    | U         | 24  | 99.1 | 400        | ug/Kg |
| 83-32-9    | Acenaphthene               | 49    | U         | 49  | 51   | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 140   | U         | 140 | 99.1 | 400        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 49    | U         | 49  | 99.1 | 400        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 55    | U         | 55  | 51   | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 32    | U         | 32  | 51   | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 72    | U         | 72  | 51   | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 71    | J         | 54  | 51   | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 56    | U         | 56  | 51   | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 50    | U         | 50  | 99.1 | 400        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 19    | U         | 19  | 99.1 | 400        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 50    | U         | 50  | 51   | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 61    | U         | 61  | 51   | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 54    | U         | 54  | 51   | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 60    | U         | 60  | 51   | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 47    | U         | 47  | 99.1 | 400        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 100   | U         | 100 | 99.1 | 400        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1200  |           | 53  | 51   | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 61    | U         | 61  | 51   | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 230   |           | 52  | 51   | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 40    | U         | 40  | 51   | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 100   | J         | 54  | 99.1 | 400        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 50    | U         | 50  | 51   | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 2700  |           | 53  | 99.1 | 200        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM       |
| Client Sample ID:  | BHC34                 | SDG No.:        | BM061324                    |
| Lab Sample ID:     | P2659-13              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 17                          |
| 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 |
| BM046009.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 2000   |           | 53     | 51   | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 190    | J         | 38     | 51   | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 28     | U         | 28     | 99.1 | 400        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1100   |           | 47     | 51   | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1300   |           | 54     | 51   | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 750    |           | 53     | 51   | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 41     | U         | 41     | 99.1 | 400        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1600   |           | 50     | 51   | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 610    |           | 54     | 51   | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 780    |           | 50     | 51   | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 640    |           | 44     | 51   | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 250    |           | 44     | 51   | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 100    | J         | 42     | 51   | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 44     | U         | 44     | 51   | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.075  |           | 15-120 |      | 51         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 6.437  | *         | 20-120 |      | 16         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 29.383 |           | 10-130 |      | 73         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 28.967 |           | 10-150 |      | 72         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 31.194 |           | 15-120 |      | 78         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 25.735 |           | 10-140 |      | 64         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 30.374 |           | 10-135 |      | 76         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 32.669 |           | 10-120 |      | 82         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 30.2   |           | 10-140 |      | 75         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 10.003 |           | 1-145  |      | 25         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 30.91  |           | 10-145 |      | 77         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 31.148 |           | 15-120 |      | 78         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 21.83  |           | 10-150 |      | 55         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 31.158 |           | 20-140 |      | 78         | SPK: -40 |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC34     | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-13  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 17                    |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
| Extraction Type :  |           | Test:           |                       |
| Decanted :         |           | Level :         | LOW                   |
| Injection Volume : |           | GPC Factor :    |                       |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046009.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 18.507 |           | 10-130 |     | 46         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 31.803 |           | 10-150 |     | 80         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 29.047 |           | 10-130 |     | 73         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 22.968 |           | 10-140 |     | 57         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 142663 | 7.434     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 602411 | 10.198    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 378697 | 14.08     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 787088 | 16.821    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 619963 | 21.039    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 613111 | 23.738    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
|                                       | unknown-01                         | 120    | J         |        |     | 3.334      |          |
|                                       | unknown-02                         | 150    | J         |        |     | 3.528      |          |
| 1000186-02-3                          | Acetic acid, 3-[1,3]dioxolan-2-ylp | 120    | J         |        |     | 4.616      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol               | 200    | J         |        |     | 10.998     |          |
| 000234-41-3                           | Naphtho[1,2-b]thiophene            | 91     | J         |        |     | 16.645     |          |
| 002531-84-2                           | Phenanthrene, 2-methyl-            | 250    | J         |        |     | 17.698     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 930    | J         |        |     | 17.756     |          |
| 000779-02-2                           | Anthracene, 9-methyl-              | 130    | J         |        |     | 17.821     |          |
| 000203-64-5                           | 4H-Cyclopenta[def]phenanthrene     | 440    | J         |        |     | 17.886     |          |
| 000610-48-0                           | Anthracene, 1-methyl-              | 170    | J         |        |     | 17.927     |          |
| 093327-56-1                           | 6-Phenylbenzocyclohepten-7-one     | 140    | J         |        |     | 18.203     |          |
| 000084-65-1                           | 9,10-Anthracenedione               | 230    | J         |        |     | 18.251     |          |
| 001576-67-6                           | Phenanthrene, 3,6-dimethyl-        | 88     | J         |        |     | 18.451     |          |
| 002789-88-0                           | di-p-Tolylacetylene                | 110    | J         |        |     | 18.503     |          |
| 003674-66-6                           | Phenanthrene, 2,5-dimethyl-        | 250    | J         |        |     | 18.627     |          |
| 001576-69-8                           | Phenanthrene, 2,7-dimethyl-        | 160    | J         |        |     | 18.68      |          |
| 005737-13-3                           | Cyclopenta(def)phenanthrenone      | 230    | J         |        |     | 18.768     |          |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM       |
| Client Sample ID:  | BHC34                 | SDG No.:        | BM061324                    |
| Lab Sample ID:     | P2659-13              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 17                          |
| 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 |
| BM046009.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number  | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 116196-83-9 | 4,4-Bis(tetrahydrothiopyran)       | 100   | J         |     |     | 19.039     |       |
| 000238-84-6 | 11H-Benzo[a]fluorene               | 120   | J         |     |     | 19.756     |       |
| 002381-21-7 | Pyrene, 1-methyl-                  | 100   | J         |     |     | 19.909     |       |
| 000479-79-8 | 11H-Benzo[a]fluoren-11-one         | 98    | J         |     |     | 20.503     |       |
| 000239-35-0 | Benzo[b]naphtho[2,1-d]thiophene    | 98    | J         |     |     | 20.668     |       |
|             | unknown-03                         | 280   | J         |     |     | 20.744     |       |
| 000082-05-3 | 7H-Benz[de]anthracen-7-one         | 92    | J         |     |     | 20.803     |       |
| 001705-85-7 | Chrysene, 6-methyl-                | 160   | J         |     |     | 21.733     |       |
| 062016-76-6 | Nonadecane, 1-chloro-              | 85    | J         |     |     | 22.303     |       |
| 007390-81-0 | Oxirane, hexadecyl-                | 550   | J         |     |     | 22.592     |       |
|             | (DEL) Alkane: Straight-Chain23.021 | 610   | J         |     |     | 23.021     |       |
| 000192-97-2 | Benzo[e]pyrene                     | 260   | J         |     |     | 23.491     |       |
| 022725-64-0 | Octacosanal                        | 550   | J         |     |     | 24.138     |       |
|             | (DEL) Alkane: Straight-Chain24.609 | 1100  | J         |     |     | 24.609     |       |
| 007494-34-0 | 26-Nor-5-cholesten-3.beta.-ol-25-o | 660   | J         |     |     | 25.497     |       |
| E966796     | Total Alkanes                      | 1700  |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC35                 | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-14              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 14.9                  |
| 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 |
| BM046010.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    | U         | 15  | 7.7  | 78         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 88    | U         | 88  | 96.6 | 390        | ug/Kg |
| 110-86-1       | Pyridine                    | 50    | U         | 50  | 190  | 390        | ug/Kg |
| 108-95-2       | Phenol                      | 41    | U         | 41  | 96.6 | 390        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 40    | U         | 40  | 96.6 | 390        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 33    | U         | 33  | 49.8 | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 35    | U         | 35  | 96.6 | 390        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 32    | U         | 32  | 96.6 | 390        | ug/Kg |
| 98-86-2        | Acetophenone                | 55    | J         | 45  | 96.6 | 390        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 37    | U         | 37  | 96.6 | 390        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 34    | U         | 34  | 49.8 | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 27    | U         | 27  | 49.8 | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 42    | U         | 42  | 49.8 | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 40    | U         | 40  | 49.8 | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 37    | U         | 37  | 49.8 | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 33    | U         | 33  | 49.8 | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 45    | U         | 45  | 49.8 | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 46    | U         | 46  | 49.8 | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 40    | U         | 40  | 49.8 | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 50    | U         | 50  | 49.8 | 390        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 40    | U         | 40  | 49.8 | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 140   | U         | 140 | 96.6 | 390        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 33    | U         | 33  | 49.8 | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 48    | U         | 48  | 49.8 | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 43    | U         | 43  | 49.8 | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 93    | U         | 93  | 96.6 | 390        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 50    | U         | 50  | 49.8 | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 49    | U         | 49  | 49.8 | 200        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM       |
| Client Sample ID:  | BHC35                 | SDG No.:        | BM061324                    |
| Lab Sample ID:     | P2659-14              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 14.9                        |
| 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 |
| BM046010.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 56    | U         | 56  | 49.8 | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 53    | U         | 53  | 49.8 | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 26    | U         | 26  | 49.8 | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 49    | U         | 49  | 49.8 | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 25    | U         | 25  | 49.8 | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 190   | J         | 50  | 49.8 | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 23    | U         | 23  | 96.6 | 390        | ug/Kg |
| 83-32-9    | Acenaphthene               | 48    | U         | 48  | 49.8 | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 140   | U         | 140 | 96.6 | 390        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 48    | U         | 48  | 96.6 | 390        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 54    | U         | 54  | 49.8 | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 32    | U         | 32  | 49.8 | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 70    | U         | 70  | 49.8 | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 55    | J         | 53  | 49.8 | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 55    | U         | 55  | 49.8 | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 49    | U         | 49  | 96.6 | 390        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 19    | U         | 19  | 96.6 | 390        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 49    | U         | 49  | 49.8 | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 60    | U         | 60  | 49.8 | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 53    | U         | 53  | 49.8 | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 59    | U         | 59  | 49.8 | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 46    | U         | 46  | 96.6 | 390        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 100   | U         | 100 | 96.6 | 390        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1000  |           | 52  | 49.8 | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 60    | U         | 60  | 49.8 | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 200   |           | 50  | 49.8 | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 39    | U         | 39  | 49.8 | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 93    | J         | 53  | 96.6 | 390        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 49    | U         | 49  | 49.8 | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 2400  |           | 52  | 96.6 | 200        | ug/Kg |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC35              | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-14           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 14.9                  |
| 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 |
| BM046010.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1800   |           | 52     | 49.8 | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 200    |           | 37     | 49.8 | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 27     | U         | 27     | 96.6 | 390        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1000   |           | 46     | 49.8 | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1200   |           | 53     | 49.8 | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 2100   |           | 52     | 49.8 | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 890    |           | 40     | 96.6 | 390        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1400   |           | 49     | 49.8 | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 570    |           | 53     | 49.8 | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 680    |           | 49     | 49.8 | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 570    |           | 43     | 49.8 | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 230    |           | 43     | 49.8 | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 94     | J         | 41     | 49.8 | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 43     | U         | 43     | 49.8 | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.66   |           | 15-120 |      | 46         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 9.176  |           | 20-120 |      | 23         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 30.2   |           | 10-130 |      | 75         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 29.72  |           | 10-150 |      | 74         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 32.108 |           | 15-120 |      | 80         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 28.138 |           | 10-140 |      | 70         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 31.408 |           | 10-135 |      | 79         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 33.03  |           | 10-120 |      | 83         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 30.852 |           | 10-140 |      | 77         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 14.221 |           | 1-145  |      | 36         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 30.011 |           | 10-145 |      | 75         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 30.388 |           | 15-120 |      | 76         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 21.72  |           | 10-150 |      | 54         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 30.689 |           | 20-140 |      | 77         | SPK: -40 |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM       |
| Client Sample ID:  | BHC35                 | SDG No.:        | BM061324                    |
| Lab Sample ID:     | P2659-14              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 14.9                        |
| 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 |
| BM046010.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number                            | Parameter                           | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2       | 17.805 |           | 10-130 |     | 45         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                      | 31.92  |           | 10-150 |     | 80         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                          | 29.174 |           | 10-130 |     | 73         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                  | 22.864 |           | 10-140 |     | 57         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                     |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4              | 151572 | 7.434     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                      | 636471 | 10.198    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                    | 397108 | 14.08     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                    | 819337 | 16.827    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                        | 646572 | 21.039    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                        | 636680 | 23.738    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                     |        |           |        |     |            |          |
| 000057-55-6                           | Propylene Glycol                    | 150    | J         |        |     | 3.328      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol                | 230    | J         |        |     | 10.992     |          |
| 002531-84-2                           | Phenanthrene, 2-methyl-             | 260    | J         |        |     | 17.698     |          |
| 000057-10-3                           | n-Hexadecanoic acid                 | 970    | J         |        |     | 17.756     |          |
| 000949-41-7                           | 1H-Cyclopropa[1]phenanthrene, 1a,9b | 130    | J         |        |     | 17.821     |          |
| 000203-64-5                           | 4H-Cyclopenta[def]phenanthrene      | 410    | J         |        |     | 17.886     |          |
| 004505-48-0                           | 1H-Indene, 2-phenyl-                | 150    | J         |        |     | 17.927     |          |
| 093327-56-1                           | 6-Phenylbenzocyclohepten-7-one      | 140    | J         |        |     | 18.204     |          |
| 000084-65-1                           | 9,10-Anthracenedione                | 230    | J         |        |     | 18.251     |          |
| 000483-87-4                           | Phenanthrene, 1,7-dimethyl-         | 110    | J         |        |     | 18.503     |          |
| 003674-66-6                           | Phenanthrene, 2,5-dimethyl-         | 230    | J         |        |     | 18.627     |          |
| 001576-67-6                           | Phenanthrene, 3,6-dimethyl-         | 150    | J         |        |     | 18.674     |          |
| 005737-13-3                           | Cyclopenta(def)phenanthrenone       | 220    | J         |        |     | 18.768     |          |
| 000057-11-4                           | Octadecanoic acid                   | 140    | J         |        |     | 19.039     |          |
| 000238-84-6                           | 11H-Benzo[a]fluorene                | 95     | J         |        |     | 19.756     |          |
| 002381-21-7                           | Pyrene, 1-methyl-                   | 98     | J         |        |     | 19.909     |          |
| 000479-79-8                           | 11H-Benzo[a]fluoren-11-one          | 100    | J         |        |     | 20.509     |          |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM       |
| Client Sample ID:  | BHC35                 | SDG No.:        | BM061324                    |
| Lab Sample ID:     | P2659-14              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 14.9                        |
| 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 |
| BM046010.D        | 1         | 6/4/2024 12:00:00 AM | 6/12/2024 12:00:00 AM | PB161309      |

| CAS Number   | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 1000356-89-2 | Phthalic acid, 2-ethylbutyl heptyl | 250   | J         |     |     | 20.662     |       |
| 025732-74-5  | Cyclopenta(cd)pyrene, 3,4-dihydro- | 92    | J         |     |     | 20.709     |       |
| 002136-70-1  | Ethanol, 2-(tetradecyloxy)-        | 290   | J         |     |     | 20.75      |       |
| 000082-05-3  | 7H-Benz[de]anthracen-7-one         | 95    | J         |     |     | 20.803     |       |
| 003648-21-3  | 1,2-Benzenedicarboxylic acid, dihe | 250   | J         |     |     | 21.462     |       |
| 1010308-94-0 | Phthalic acid, heptyl undecyl este | 170   | J         |     |     | 21.562     |       |
| 1000377-95-7 | Phthalic acid, isobutyl 6-methylhe | 150   | J         |     |     | 22.092     |       |
| 088216-58-4  | Phthalic acid, heptyl octyl ester  | 1200  | J         |     |     | 22.597     |       |
| 1000371-08-8 | Phthalic acid, 5-methylhex-2-yl he | 260   | J         |     |     | 22.697     |       |
|              | (DEL) Alkane: Straight-Chain23.021 | 270   | J         |     |     | 23.021     |       |
| 000192-97-2  | Benzo[e]pyrene                     | 240   | J         |     |     | 23.109     |       |
| 000119-07-3  | 1,2-Benzenedicarboxylic acid, decy | 720   | J         |     |     | 23.28      |       |
| 000198-55-0  | Perylene                           | 330   | J         |     |     | 23.497     |       |
|              | (DEL) Alkane: Straight-Chain24.609 | 440   | J         |     |     | 24.609     |       |
| 000057-88-5  | Cholesterol                        | 910   | J         |     |     | 25.503     |       |
| E966796      | Total Alkanes                      | 710   |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM       |
| Client Sample ID:  | BHC39                 | SDG No.:        | BM061324                    |
| Lab Sample ID:     | P2659-18              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 23.7                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046011.D        | 1         | 6/4/2024 12:00:00 AM | 6/13/2024 12:00:00 AM | PB161309      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 17    | U         | 17  | 8.6  | 87         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 98    | U         | 98  | 110  | 430        | ug/Kg |
| 110-86-1       | Pyridine                    | 56    | U         | 56  | 220  | 430        | ug/Kg |
| 108-95-2       | Phenol                      | 46    | U         | 46  | 110  | 430        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 44    | U         | 44  | 110  | 430        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 37    | U         | 37  | 55.5 | 220        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 39    | U         | 39  | 110  | 430        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 35    | U         | 35  | 110  | 430        | ug/Kg |
| 98-86-2        | Acetophenone                | 63    | J         | 50  | 110  | 430        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 42    | U         | 42  | 110  | 430        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 38    | U         | 38  | 55.5 | 220        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 30    | U         | 30  | 55.5 | 220        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 47    | U         | 47  | 55.5 | 220        | ug/Kg |
| 78-59-1        | Isophorone                  | 44    | U         | 44  | 55.5 | 220        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 42    | U         | 42  | 55.5 | 220        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 37    | U         | 37  | 55.5 | 220        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 50    | U         | 50  | 55.5 | 220        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 51    | U         | 51  | 55.5 | 220        | ug/Kg |
| 91-20-3        | Naphthalene                 | 44    | U         | 44  | 55.5 | 220        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 56    | U         | 56  | 55.5 | 430        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 44    | U         | 44  | 55.5 | 220        | ug/Kg |
| 105-60-2       | Caprolactam                 | 160   | U         | 160 | 110  | 430        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 37    | U         | 37  | 55.5 | 220        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 54    | U         | 54  | 55.5 | 220        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 48    | U         | 48  | 55.5 | 220        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 100   | U         | 100 | 110  | 430        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 56    | U         | 56  | 55.5 | 220        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 55    | U         | 55  | 55.5 | 220        | ug/Kg |



|                    |              |        |    |                 |                       |    |
|--------------------|--------------|--------|----|-----------------|-----------------------|----|
| Client:            |              |        |    | Date Collected: | 5/29/2024 12:00:00 AM |    |
| Project:           |              |        |    | Date Received:  | 5/29/2024 12:00:00 AM |    |
| Client Sample ID:  | BHC39        |        |    | SDG No.:        | BM061324              |    |
| Lab Sample ID:     | P2659-18     |        |    | Matrix:         | Solid                 |    |
| Analytical Method: | SFAM_SVOC    |        |    | % Moisture:     | 23.7                  |    |
| Sample Wt/Vol:     | 30.1         | Units: | g  | Final Vol:      | 500                   | uL |
| Soil Aliquot Vol:  |              |        | uL | Test:           |                       |    |
| Extraction Type :  | Decanted :   |        |    | Level :         | LOW                   |    |
| Injection Volume : | GPC Factor : |        |    | GPC Cleanup :   | PH :                  |    |

| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
|-------------------|-----------|----------------------|-----------------------|---------------|
| BM046011.D        | 1         | 6/4/2024 12:00:00 AM | 6/13/2024 12:00:00 AM | PB161309      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 63    | U         | 63  | 55.5 | 220        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 59    | U         | 59  | 55.5 | 220        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 29    | U         | 29  | 55.5 | 220        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 55    | U         | 55  | 55.5 | 220        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 27    | U         | 27  | 55.5 | 220        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 130   | J         | 56  | 55.5 | 220        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 26    | U         | 26  | 110  | 430        | ug/Kg |
| 83-32-9    | Acenaphthene               | 54    | U         | 54  | 55.5 | 220        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 160   | U         | 160 | 110  | 430        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 54    | U         | 54  | 110  | 430        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 60    | U         | 60  | 55.5 | 220        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 35    | U         | 35  | 55.5 | 220        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 78    | U         | 78  | 55.5 | 220        | ug/Kg |
| 86-73-7    | Fluorene                   | 66    | J         | 59  | 55.5 | 220        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 61    | U         | 61  | 55.5 | 220        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 55    | U         | 55  | 110  | 430        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 21    | U         | 21  | 110  | 430        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 55    | U         | 55  | 55.5 | 220        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 67    | U         | 67  | 55.5 | 220        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 59    | U         | 59  | 55.5 | 220        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 65    | U         | 65  | 55.5 | 220        | ug/Kg |
| 1912-24-9  | Atrazine                   | 51    | U         | 51  | 110  | 430        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 110   | U         | 110 | 110  | 430        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1100  |           | 57  | 55.5 | 220        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 67    | U         | 67  | 55.5 | 220        | ug/Kg |
| 120-12-7   | Anthracene                 | 190   | J         | 56  | 55.5 | 220        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 43    | U         | 43  | 55.5 | 220        | ug/Kg |
| 86-74-8    | Carbazole                  | 100   | J         | 59  | 110  | 430        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 300   |           | 55  | 55.5 | 220        | ug/Kg |
| 206-44-0   | Fluoranthene               | 2300  |           | 57  | 110  | 220        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC39                 | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-18              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 23.7                  |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046011.D        | 1         | 6/4/2024 12:00:00 AM | 6/13/2024 12:00:00 AM | PB161309      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1600   |           | 57     | 55.5 | 220        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 320    |           | 42     | 55.5 | 220        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 30     | U         | 30     | 110  | 430        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 920    |           | 51     | 55.5 | 220        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1000   |           | 59     | 55.5 | 220        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1200   |           | 57     | 55.5 | 220        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 44     | U         | 44     | 110  | 430        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1200   |           | 55     | 55.5 | 220        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 480    |           | 59     | 55.5 | 220        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 580    |           | 55     | 55.5 | 220        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 470    |           | 48     | 55.5 | 220        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 200    | J         | 48     | 55.5 | 220        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 72     | J         | 46     | 55.5 | 220        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 48     | U         | 48     | 55.5 | 220        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.298  |           | 15-120 |      | 54         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 6.635  | *         | 20-120 |      | 17         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 28.285 |           | 10-130 |      | 71         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 29.017 |           | 10-150 |      | 73         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 30.9   |           | 15-120 |      | 77         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 25.621 |           | 10-140 |      | 64         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 31.021 |           | 10-135 |      | 78         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 33.044 |           | 10-120 |      | 83         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 30.195 |           | 10-140 |      | 75         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 9.094  |           | 1-145  |      | 23         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 31.546 |           | 10-145 |      | 79         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 31.371 |           | 15-120 |      | 78         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 17.694 |           | 10-150 |      | 44         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 31.826 |           | 20-140 |      | 80         | SPK: -40 |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM       |
| Client Sample ID:  | BHC39                 | SDG No.:        | BM061324                    |
| Lab Sample ID:     | P2659-18              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 23.7                        |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046011.D        | 1         | 6/4/2024 12:00:00 AM | 6/13/2024 12:00:00 AM | PB161309      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 19.782 |           | 10-130 |     | 49         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 31.37  |           | 10-150 |     | 78         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 29.544 |           | 10-130 |     | 74         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 21.618 |           | 10-140 |     | 54         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 156164 | 7.434     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 644813 | 10.198    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 394302 | 14.08     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 811707 | 16.827    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 596439 | 21.038    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 603740 | 23.738    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
| 004254-15-3                           | (S)-(+)-1,2-Propanediol            | 130    | J         |        |     | 3.334      |          |
|                                       | unknown-01                         | 160    | J         |        |     | 3.528      |          |
|                                       | unknown-02                         | 160    | J         |        |     | 4.616      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol               | 190    | J         |        |     | 10.998     |          |
| 000080-48-8                           | Benzenesulfonic acid, 4-methyl-, m | 170    | J         |        |     | 14.021     |          |
| 000640-61-9                           | Benzenesulfonamide, N,4-dimethyl-  | 1000   | J         |        |     | 15.821     |          |
| 002531-84-2                           | Phenanthrene, 2-methyl-            | 210    | J         |        |     | 17.698     |          |
| 000613-12-7                           | Anthracene, 2-methyl-              | 660    | J         |        |     | 17.75      |          |
| 000203-64-5                           | 4H-Cyclopenta[def]phenanthrene     | 380    | J         |        |     | 17.892     |          |
| 004505-48-0                           | 1H-Indene, 2-phenyl-               | 140    | J         |        |     | 17.927     |          |
| 006572-60-7                           | Tricyclo[8.2.2.2(4,7)]hexadeca-2,4 | 120    | J         |        |     | 18.203     |          |
| 000084-65-1                           | 9,10-Anthracenedione               | 190    | J         |        |     | 18.25      |          |
| 000781-43-1                           | 9,10-Dimethylantracene             | 200    | J         |        |     | 18.627     |          |
| 001576-67-6                           | Phenanthrene, 3,6-dimethyl-        | 120    | J         |        |     | 18.674     |          |
| 005737-13-3                           | Cyclopenta(def)phenanthrenone      | 190    | J         |        |     | 18.768     |          |
| 000057-11-4                           | Octadecanoic acid                  | 100    | J         |        |     | 19.039     |          |
| 000243-17-4                           | 11H-Benzo[b]fluorene               | 140    | J         |        |     | 19.58      |          |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC39              | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-18           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 23.7                  |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046011.D        | 1         | 6/4/2024 12:00:00 AM | 6/13/2024 12:00:00 AM | PB161309      |

| CAS Number  | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 000238-84-6 | 11H-Benzo[a]fluorene               | 120   | J         |     |     | 19.756     |       |
| 002381-21-7 | Pyrene, 1-methyl-                  | 110   | J         |     |     | 19.909     |       |
| 000479-79-8 | 11H-Benzo[a]fluoren-11-one         | 100   | J         |     |     | 20.509     |       |
|             | (DEL) Alkane: Straight-Chain20.750 | 200   | J         |     |     | 20.75      |       |
| 000082-05-3 | 7H-Benz[de]anthracen-7-one         | 88    | J         |     |     | 20.803     |       |
| 002381-31-9 | Benz[a]anthracene, 8-methyl-       | 170   | J         |     |     | 21.733     |       |
| 000192-97-2 | Benzo[e]pyrene                     | 190   | J         |     |     | 23.491     |       |
|             | (DEL) Alkane: Straight-Chain24.615 | 470   | J         |     |     | 24.615     |       |
| E966796     | Total Alkanes                      | 670   |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC40                 | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-19              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 24.2                  |
| 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 |
| BM046012.D        | 1         | 6/4/2024 12:00:00 AM | 6/13/2024 12:00:00 AM | PB161309      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 17    | U         | 17  | 8.7  | 88         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 99    | U         | 99  | 110  | 430        | ug/Kg |
| 110-86-1       | Pyridine                    | 57    | U         | 57  | 220  | 430        | ug/Kg |
| 108-95-2       | Phenol                      | 46    | U         | 46  | 110  | 430        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 45    | U         | 45  | 110  | 430        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 37    | U         | 37  | 55.9 | 220        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 39    | U         | 39  | 110  | 430        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 36    | U         | 36  | 110  | 430        | ug/Kg |
| 98-86-2        | Acetophenone                | 58    | J         | 50  | 110  | 430        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 42    | U         | 42  | 110  | 430        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 38    | U         | 38  | 55.9 | 220        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 30    | U         | 30  | 55.9 | 220        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 47    | U         | 47  | 55.9 | 220        | ug/Kg |
| 78-59-1        | Isophorone                  | 45    | U         | 45  | 55.9 | 220        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 42    | U         | 42  | 55.9 | 220        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 37    | U         | 37  | 55.9 | 220        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 50    | U         | 50  | 55.9 | 220        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 51    | U         | 51  | 55.9 | 220        | ug/Kg |
| 91-20-3        | Naphthalene                 | 56    | J         | 45  | 55.9 | 220        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 57    | U         | 57  | 55.9 | 430        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 45    | U         | 45  | 55.9 | 220        | ug/Kg |
| 105-60-2       | Caprolactam                 | 160   | U         | 160 | 110  | 430        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 37    | U         | 37  | 55.9 | 220        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 54    | J         | 54  | 55.9 | 220        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 49    | U         | 49  | 55.9 | 220        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 100   | U         | 100 | 110  | 430        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 57    | U         | 57  | 55.9 | 220        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 55    | U         | 55  | 55.9 | 220        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM       |
| Client Sample ID:  | BHC40                 | SDG No.:        | BM061324                    |
| Lab Sample ID:     | P2659-19              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 24.2                        |
| 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 |
| BM046012.D        | 1         | 6/4/2024 12:00:00 AM | 6/13/2024 12:00:00 AM | PB161309      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 63    | U         | 63  | 55.9 | 220        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 59    | U         | 59  | 55.9 | 220        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 29    | U         | 29  | 55.9 | 220        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 55    | U         | 55  | 55.9 | 220        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 28    | U         | 28  | 55.9 | 220        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 240   |           | 57  | 55.9 | 220        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 26    | U         | 26  | 110  | 430        | ug/Kg |
| 83-32-9    | Acenaphthene               | 64    | J         | 54  | 55.9 | 220        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 160   | U         | 160 | 110  | 430        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 54    | U         | 54  | 110  | 430        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 60    | U         | 60  | 55.9 | 220        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 36    | U         | 36  | 55.9 | 220        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 79    | U         | 79  | 55.9 | 220        | ug/Kg |
| 86-73-7    | Fluorene                   | 110   | J         | 59  | 55.9 | 220        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 62    | U         | 62  | 55.9 | 220        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 55    | U         | 55  | 110  | 430        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 21    | U         | 21  | 110  | 430        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 55    | U         | 55  | 55.9 | 220        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 67    | U         | 67  | 55.9 | 220        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 59    | U         | 59  | 55.9 | 220        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 66    | U         | 66  | 55.9 | 220        | ug/Kg |
| 1912-24-9  | Atrazine                   | 51    | U         | 51  | 110  | 430        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 110   | U         | 110 | 110  | 430        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1800  |           | 58  | 55.9 | 220        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 67    | U         | 67  | 55.9 | 220        | ug/Kg |
| 120-12-7   | Anthracene                 | 290   |           | 57  | 55.9 | 220        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 43    | U         | 43  | 55.9 | 220        | ug/Kg |
| 86-74-8    | Carbazole                  | 130   | J         | 59  | 110  | 430        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 130   | J         | 55  | 55.9 | 220        | ug/Kg |
| 206-44-0   | Fluoranthene               | 3200  |           | 58  | 110  | 220        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM       |
| Client Sample ID:  | BHC40                 | SDG No.:        | BM061324                    |
| Lab Sample ID:     | P2659-19              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 24.2                        |
| 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 |
| BM046012.D        | 1         | 6/4/2024 12:00:00 AM | 6/13/2024 12:00:00 AM | PB161309      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 2300   |           | 58     | 55.9 | 220        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 180    | J         | 42     | 55.9 | 220        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 30     | U         | 30     | 110  | 430        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1400   |           | 51     | 55.9 | 220        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1600   |           | 59     | 55.9 | 220        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 620    |           | 58     | 55.9 | 220        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 45     | U         | 45     | 110  | 430        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1800   |           | 55     | 55.9 | 220        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 570    |           | 59     | 55.9 | 220        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 840    |           | 55     | 55.9 | 220        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 700    |           | 49     | 55.9 | 220        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 300    |           | 49     | 55.9 | 220        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 110    | J         | 46     | 55.9 | 220        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 49     | U         | 49     | 55.9 | 220        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 7291-22-7         | Pyridine-d5                 | 6.075  | *         | 20-120 |      | 15         | SPK: -40 |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.426  |           | 15-120 |      | 43         | SPK: -8  |
| 4165-62-2         | Phenol-d5                   | 24.228 |           | 10-130 |      | 61         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 25.584 |           | 10-150 |      | 64         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 26.331 |           | 15-120 |      | 66         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 20.059 |           | 10-140 |      | 50         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 26.986 |           | 10-135 |      | 67         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 29.091 |           | 10-120 |      | 73         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 26.382 |           | 10-140 |      | 66         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 7.951  |           | 1-145  |      | 20         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 28.997 |           | 10-145 |      | 72         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.222 |           | 15-120 |      | 71         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 13.959 |           | 10-150 |      | 35         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.453 |           | 20-140 |      | 71         | SPK: -40 |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC40                 | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-19              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 24.2                  |
| 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 |
| BM046012.D        | 1         | 6/4/2024 12:00:00 AM | 6/13/2024 12:00:00 AM | PB161309      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 20.757 |           | 10-130 |     | 52         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 28.851 |           | 10-150 |     | 72         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 25.213 |           | 10-130 |     | 63         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 20     |           | 10-140 |     | 50         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 198636 | 7.434     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 830215 | 10.198    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 501294 | 14.074    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 947800 | 16.821    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 639154 | 21.039    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 743567 | 23.739    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
| 000057-55-6                           | Propylene Glycol                   | 130    | J         |        |     | 3.328      |          |
| 000079-39-0                           | Methacrylamide                     | 140    | J         |        |     | 3.528      |          |
|                                       | unknown-01                         | 120    | J         |        |     | 4.616      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol               | 180    | J         |        |     | 10.992     |          |
| 000080-48-8                           | Benzenesulfonic acid, 4-methyl-, m | 170    | J         |        |     | 14.022     |          |
|                                       | unknown-02                         | 110    | J         |        |     | 14.486     |          |
| 000640-61-9                           | Benzenesulfonamide, N,4-dimethyl-  | 930    | J         |        |     | 15.821     |          |
| 000486-25-9                           | 9H-Fluoren-9-one                   | 120    | J         |        |     | 16.486     |          |
| 000132-65-0                           | Dibenzothiophene                   | 120    | J         |        |     | 16.645     |          |
| 002531-84-2                           | Phenanthrene, 2-methyl-            | 400    | J         |        |     | 17.698     |          |
| 000832-69-9                           | Phenanthrene, 1-methyl-            | 900    | J         |        |     | 17.751     |          |
| 000203-64-5                           | 4H-Cyclopenta[def]phenanthrene     | 610    | J         |        |     | 17.886     |          |
| 000832-64-4                           | Phenanthrene, 4-methyl-            | 290    | J         |        |     | 17.927     |          |
| 005672-97-9                           | 5,16[1,2]:8,13[1,2]-Dibenzen       | 180    | J         |        |     | 18.204     |          |
| 000084-65-1                           | 9,10-Anthracenedione               | 280    | J         |        |     | 18.251     |          |
| 001576-67-6                           | Phenanthrene, 3,6-dimethyl-        | 130    | J         |        |     | 18.451     |          |
| 000483-87-4                           | Phenanthrene, 1,7-dimethyl-        | 160    | J         |        |     | 18.504     |          |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC40              | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-19           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 24.2                  |
| 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 |
| BM046012.D        | 1         | 6/4/2024 12:00:00 AM | 6/13/2024 12:00:00 AM | PB161309      |

| CAS Number  | Parameter                     | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|-------------------------------|-------|-----------|-----|-----|------------|-------|
| 003674-66-6 | Phenanthrene, 2,5-dimethyl-   | 370   | J         |     |     | 18.627     |       |
| 002789-88-0 | di-p-Tolylacetylene           | 250   | J         |     |     | 18.674     |       |
| 005737-13-3 | Cyclopenta(def)phenanthrenone | 300   | J         |     |     | 18.768     |       |
| 002381-21-7 | Pyrene, 1-methyl-             | 170   | J         |     |     | 19.58      |       |
| 000243-17-4 | 11H-Benzo[b]fluorene          | 150   | J         |     |     | 19.756     |       |
| 003353-12-6 | Pyrene, 4-methyl-             | 130   | J         |     |     | 19.909     |       |
| 000479-79-8 | 11H-Benzo[a]fluoren-11-one    | 120   | J         |     |     | 20.509     |       |
| 000203-12-3 | Benzo[ghi]fluoranthene        | 170   | J         |     |     | 20.75      |       |
| 000082-05-3 | 7H-Benz[de]anthracen-7-one    | 110   | J         |     |     | 20.804     |       |
| 003351-28-8 | Chrysene, 1-methyl-           | 100   | J         |     |     | 21.668     |       |
| 002541-69-7 | Benz[a]anthracene, 7-methyl-  | 110   | J         |     |     | 21.733     |       |
| 000192-97-2 | Benzo[e]pyrene                | 260   | J         |     |     | 23.109     |       |
| 000198-55-0 | Perylene                      | 310   | J         |     |     | 23.491     |       |
| E966796     | Total Alkanes                 | 63    | U         |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM       |
| Client Sample ID:  | BHC27                 | SDG No.:        | BM061324                    |
| Lab Sample ID:     | P2659-06              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 8.5                         |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046013.D        | 1         | 6/4/2024 12:00:00 AM | 6/13/2024 12:00:00 AM | PB161309      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 14    | U         | 14  | 7.2  | 73         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 82    | U         | 82  | 89.9 | 360        | ug/Kg |
| 110-86-1       | Pyridine                    | 47    | U         | 47  | 180  | 360        | ug/Kg |
| 108-95-2       | Phenol                      | 38    | U         | 38  | 89.9 | 360        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 37    | U         | 37  | 89.9 | 360        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 30    | U         | 30  | 46.3 | 190        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 33    | U         | 33  | 89.9 | 360        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 29    | U         | 29  | 89.9 | 360        | ug/Kg |
| 98-86-2        | Acetophenone                | 41    | U         | 41  | 89.9 | 360        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 35    | U         | 35  | 89.9 | 360        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 32    | U         | 32  | 46.3 | 190        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 25    | U         | 25  | 46.3 | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 39    | U         | 39  | 46.3 | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 37    | U         | 37  | 46.3 | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 35    | U         | 35  | 46.3 | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 30    | U         | 30  | 46.3 | 190        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 41    | U         | 41  | 46.3 | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 42    | U         | 42  | 46.3 | 190        | ug/Kg |
| 91-20-3        | Naphthalene                 | 40    | J         | 37  | 46.3 | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 47    | U         | 47  | 46.3 | 360        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 37    | U         | 37  | 46.3 | 190        | ug/Kg |
| 105-60-2       | Caprolactam                 | 130   | U         | 130 | 89.9 | 360        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 30    | U         | 30  | 46.3 | 190        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 45    | U         | 45  | 46.3 | 190        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 40    | U         | 40  | 46.3 | 190        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 86    | U         | 86  | 89.9 | 360        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 47    | U         | 47  | 46.3 | 190        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 46    | U         | 46  | 46.3 | 190        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC27                 | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-06              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 8.5                   |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046013.D        | 1         | 6/4/2024 12:00:00 AM | 6/13/2024 12:00:00 AM | PB161309      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 52    | U         | 52  | 46.3 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 49    | U         | 49  | 46.3 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 24    | U         | 24  | 46.3 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 46    | U         | 46  | 46.3 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 23    | U         | 23  | 46.3 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 120   | J         | 47  | 46.3 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 22    | U         | 22  | 89.9 | 360        | ug/Kg |
| 83-32-9    | Acenaphthene               | 54    | J         | 45  | 46.3 | 190        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 130   | U         | 130 | 89.9 | 360        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 45    | U         | 45  | 89.9 | 360        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 50    | U         | 50  | 46.3 | 190        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 29    | U         | 29  | 46.3 | 190        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 65    | U         | 65  | 46.3 | 190        | ug/Kg |
| 86-73-7    | Fluorene                   | 71    | J         | 49  | 46.3 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 51    | U         | 51  | 46.3 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 46    | U         | 46  | 89.9 | 360        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 17    | U         | 17  | 89.9 | 360        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 46    | U         | 46  | 46.3 | 190        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 56    | U         | 56  | 46.3 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 49    | U         | 49  | 46.3 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 54    | U         | 54  | 46.3 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                   | 42    | U         | 42  | 89.9 | 360        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 95    | U         | 95  | 89.9 | 360        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1200  |           | 48  | 46.3 | 190        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 56    | U         | 56  | 46.3 | 190        | ug/Kg |
| 120-12-7   | Anthracene                 | 190   |           | 47  | 46.3 | 190        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 36    | U         | 36  | 46.3 | 190        | ug/Kg |
| 86-74-8    | Carbazole                  | 96    | J         | 49  | 89.9 | 360        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 46    | U         | 46  | 46.3 | 190        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1900  |           | 48  | 89.9 | 190        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC27                 | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-06              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 8.5                   |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046013.D        | 1         | 6/4/2024 12:00:00 AM | 6/13/2024 12:00:00 AM | PB161309      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1300   |           | 48     | 46.3 | 190        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 35     | U         | 35     | 46.3 | 190        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 25     | U         | 25     | 89.9 | 360        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 720    |           | 42     | 46.3 | 190        | ug/Kg    |
| 218-01-9          | Chrysene                    | 790    |           | 49     | 46.3 | 190        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 48     | U         | 48     | 46.3 | 190        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 37     | U         | 37     | 89.9 | 360        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1000   |           | 46     | 46.3 | 190        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 300    |           | 49     | 46.3 | 190        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 470    |           | 46     | 46.3 | 190        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 360    |           | 40     | 46.3 | 190        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 140    | J         | 40     | 46.3 | 190        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 60     | J         | 38     | 46.3 | 190        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 40     | U         | 40     | 46.3 | 190        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.275  |           | 15-120 |      | 41         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 3.429  | *         | 20-120 |      | 9          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 21.672 |           | 10-130 |      | 54         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 21.775 |           | 10-150 |      | 54         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 22.977 |           | 15-120 |      | 57         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 20.312 |           | 10-140 |      | 51         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 23.06  |           | 10-135 |      | 58         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 24.473 |           | 10-120 |      | 61         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 22.232 |           | 10-140 |      | 56         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 9.783  |           | 1-145  |      | 24         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 22.962 |           | 10-145 |      | 57         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 22.871 |           | 15-120 |      | 57         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 13.428 |           | 10-150 |      | 34         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 23.268 |           | 20-140 |      | 58         | SPK: -40 |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 5/29/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 5/29/2024 12:00:00 AM |
| Client Sample ID:  | BHC27     | SDG No.:        | BM061324              |
| Lab Sample ID:     | P2659-06  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 8.5                   |
| Sample Wt/Vol:     | 30.1      | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
| Extraction Type :  |           | Test:           |                       |
| Decanted :         |           | Level :         | LOW                   |
| Injection Volume : |           | GPC Factor :    |                       |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046013.D        | 1         | 6/4/2024 12:00:00 AM | 6/13/2024 12:00:00 AM | PB161309      |

| CAS Number                            | Parameter                           | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2       | 14.5    |           | 10-130 |     | 36         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                      | 22.681  |           | 10-150 |     | 57         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                          | 21.725  |           | 10-130 |     | 54         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                  | 16.903  |           | 10-140 |     | 42         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                     |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4              | 195344  | 7.434     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                      | 822348  | 10.198    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                    | 515207  | 14.08     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                    | 1058685 | 16.821    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                        | 793411  | 21.039    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                        | 791758  | 23.744    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                     |         |           |        |     |            |          |
| 000057-55-6                           | Propylene Glycol                    | 120     | J         |        |     | 3.328      |          |
| 000079-39-0                           | Methacrylamide                      | 170     | J         |        |     | 3.528      |          |
|                                       | unknown-01                          | 93      | J         |        |     | 4.616      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol                | 160     | J         |        |     | 10.998     |          |
|                                       | unknown-02                          | 1200    | J         |        |     | 14.316     |          |
| 000486-25-9                           | 9H-Fluoren-9-one                    | 80      | J         |        |     | 16.486     |          |
| 000268-77-9                           | Naphtho[2,3-b]thiophene             | 74      | J         |        |     | 16.645     |          |
| 002531-84-2                           | Phenanthrene, 2-methyl-             | 170     | J         |        |     | 17.698     |          |
| 000832-69-9                           | Phenanthrene, 1-methyl-             | 430     | J         |        |     | 17.751     |          |
| 000949-41-7                           | 1H-Cyclopropa[1]phenanthrene, 1a,9b | 81      | J         |        |     | 17.827     |          |
| 000203-64-5                           | 4H-Cyclopenta[def]phenanthrene      | 290     | J         |        |     | 17.892     |          |
| 004980-70-5                           | Propyne, 1,3-diphenyl-              | 110     | J         |        |     | 17.927     |          |
| 000612-94-2                           | Naphthalene, 2-phenyl-              | 110     | J         |        |     | 18.203     |          |
| 000084-65-1                           | 9,10-Anthracenedione                | 160     | J         |        |     | 18.251     |          |
| 003674-66-6                           | Phenanthrene, 2,5-dimethyl-         | 140     | J         |        |     | 18.627     |          |
|                                       | unknown-03                          | 89      | J         |        |     | 18.692     |          |
| 005737-13-3                           | Cyclopenta(def)phenanthrenone       | 150     | J         |        |     | 18.768     |          |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 5/29/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 5/29/2024 12:00:00 AM       |
| Client Sample ID:  | BHC27                 | SDG No.:        | BM061324                    |
| Lab Sample ID:     | P2659-06              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 8.5                         |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                    | Test:           |                             |
| Extraction Type :  | Decanted :            | Level :         | LOW                         |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                        |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM046013.D        | 1         | 6/4/2024 12:00:00 AM | 6/13/2024 12:00:00 AM | PB161309      |

| CAS Number  | Parameter                   | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|-----------------------------|-------|-----------|-----|-----|------------|-------|
| 002381-21-7 | Pyrene, 1-methyl-           | 110   | J         |     |     | 19.58      |       |
| 000243-17-4 | 11H-Benzo[b]fluorene        | 89    | J         |     |     | 19.756     |       |
| 003442-78-2 | Pyrene, 2-methyl-           | 83    | J         |     |     | 19.909     |       |
| 000479-79-8 | 11H-Benzo[a]fluoren-11-one  | 74    | J         |     |     | 20.509     |       |
| 002136-70-1 | Ethanol, 2-(tetradecyloxy)- | 170   | J         |     |     | 20.75      |       |
| 000082-05-3 | 7H-Benz[de]anthracen-7-one  | 91    | J         |     |     | 20.803     |       |
| 000192-97-2 | Benzo[e]pyrene              | 130   | J         |     |     | 23.109     |       |
| 000205-82-3 | Benzo[j]fluoranthene        | 170   | J         |     |     | 23.497     |       |
| E966796     | Total Alkanes               | 52    | U         |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |              |                 |                      |
|--------------------|--------------|-----------------|----------------------|
| Client:            |              | Date Collected: | 6/4/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/4/2024 12:00:00 AM |
| Client Sample ID:  | SLCS309      | SDG No.:        | BM061324             |
| Lab Sample ID:     | PB161309BS   | 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 |
| BM046014.D        | 1         | 6/4/2024 12:00:00 AM | 6/13/2024 12:00:00 AM | PB161309      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 400   |           | 13  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 1600  |           | 75  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 1200  |           | 43  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 1300  |           | 35  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1100  |           | 34  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1300  |           | 28  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1300  |           | 30  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1300  |           | 27  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 1300  |           | 38  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 1400  |           | 32  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1300  |           | 29  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1200  |           | 23  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1200  |           | 36  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 1300  |           | 34  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1300  |           | 32  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 1000  |           | 28  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1100  |           | 38  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1300  |           | 39  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1200  |           | 34  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 1100  |           | 43  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1200  |           | 34  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 1600  |           | 120 | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1400  |           | 28  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 1200  |           | 41  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1200  |           | 37  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 650   |           | 79  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1400  |           | 43  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1400  |           | 42  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                      |
|--------------------|--------------|-----------------|----------------------|
| Client:            |              | Date Collected: | 6/4/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/4/2024 12:00:00 AM |
| Client Sample ID:  | SLCS309      | SDG No.:        | BM061324             |
| Lab Sample ID:     | PB161309BS   | 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 |
| BM046014.D        | 1         | 6/4/2024 12:00:00 AM | 6/13/2024 12:00:00 AM | PB161309      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1200  |           | 48  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 1200  |           | 45  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 1500  |           | 22  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 1200  |           | 42  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 1400  |           | 21  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1200  |           | 43  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 1600  |           | 20  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 1200  |           | 41  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 1500  |           | 120 | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 1600  |           | 41  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 1300  |           | 46  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 1500  |           | 27  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 1300  |           | 60  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 1300  |           | 45  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1200  |           | 47  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 1900  |           | 42  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1300  |           | 16  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1200  |           | 42  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1200  |           | 51  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1200  |           | 45  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1200  |           | 50  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 1200  |           | 39  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 1400  |           | 87  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1200  |           | 44  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 1200  |           | 51  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 1200  |           | 43  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1100  |           | 33  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 1300  |           | 45  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1300  |           | 42  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1300  |           | 44  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                      |
|--------------------|--------------|-----------------|----------------------|
| Client:            |              | Date Collected: | 6/4/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/4/2024 12:00:00 AM |
| Client Sample ID:  | SLCS309      | SDG No.:        | BM061324             |
| Lab Sample ID:     | PB161309BS   | 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 |
| BM046014.D        | 1         | 6/4/2024 12:00:00 AM | 6/13/2024 12:00:00 AM | PB161309      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1300   |           | 44     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1500   |           | 32     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1300   |           | 23     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1200   |           | 39     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1200   |           | 45     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1400   |           | 44     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1300   |           | 34     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1200   |           | 42     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1200   |           | 45     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1100   |           | 42     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1500   |           | 37     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1500   |           | 37     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1300   |           | 35     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1500   |           | 37     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.912  |           | 15-120 |      | 74         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 34.116 |           | 20-120 |      | 85         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 37.483 |           | 10-130 |      | 94         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 35.252 |           | 10-150 |      | 88         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 38.661 |           | 15-120 |      | 97         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 38.512 |           | 10-140 |      | 96         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 37.386 |           | 10-135 |      | 93         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 40.531 |           | 10-120 |      | 101        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 39.008 |           | 10-140 |      | 98         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 37.232 |           | 1-145  |      | 93         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 37.425 |           | 10-145 |      | 94         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 36.92  |           | 15-120 |      | 92         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 42.604 |           | 10-150 |      | 107        | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 36.689 |           | 20-140 |      | 92         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                      |
|--------------------|--------------|-----------------|----------------------|
| Client:            |              | Date Collected: | 6/4/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/4/2024 12:00:00 AM |
| Client Sample ID:  | SLCS309      | SDG No.:        | BM061324             |
| Lab Sample ID:     | PB161309BS   | 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 |
| BM046014.D        | 1         | 6/4/2024 12:00:00 AM | 6/13/2024 12:00:00 AM | PB161309      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 39.405 |           | 10-130 |     | 99         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 36.576 |           | 10-150 |     | 91         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 38.868 |           | 10-130 |     | 97         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 38.272 |           | 10-140 |     | 96         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 176673 | 7.428     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 762975 | 10.192    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 479301 | 14.074    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 970384 | 16.827    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 655834 | 21.039    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 705370 | 23.738    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 48     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |           |              |    |                 |          |    |  |
|--------------------|-----------|--------------|----|-----------------|----------|----|--|
| Client:            |           |              |    | Date Collected: |          |    |  |
| Project:           |           |              |    | Date Received:  |          |    |  |
| Client Sample ID:  | SP6528    |              |    | SDG No.:        | BM061324 |    |  |
| Lab Sample ID:     | SP6528    |              |    | Matrix:         | Water    |    |  |
| Analytical Method: | SFAM_SVOC |              |    | % Moisture:     | 100      |    |  |
| Sample Wt/Vol:     | 1000      | Units:       | mL | Final Vol:      | 1000000  | uL |  |
| Soil Aliquot Vol:  |           |              | uL | Test:           |          |    |  |
| Extraction Type :  |           | Decanted :   |    | Level :         | LOW      |    |  |
| Injection Volume : |           | GPC Factor : |    | GPC Cleanup :   | PH :     |    |  |

|                   |           |           |                       |               |
|-------------------|-----------|-----------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed         | Prep Batch ID |
| BM046015.D        | 1         |           | 6/13/2024 12:00:00 AM |               |

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

## Report of Analysis

|                    |           |              |    |                 |          |      |  |
|--------------------|-----------|--------------|----|-----------------|----------|------|--|
| Client:            |           |              |    | Date Collected: |          |      |  |
| Project:           |           |              |    | Date Received:  |          |      |  |
| Client Sample ID:  | SP6528    |              |    | SDG No.:        | BM061324 |      |  |
| Lab Sample ID:     | SP6528    |              |    | Matrix:         | Water    |      |  |
| Analytical Method: | SFAM_SVOC |              |    | % Moisture:     | 100      |      |  |
| Sample Wt/Vol:     | 1000      | Units:       | mL | Final Vol:      | 1000000  | uL   |  |
| Soil Aliquot Vol:  |           |              | uL | Test:           |          |      |  |
| Extraction Type :  |           | Decanted :   |    | Level :         | LOW      |      |  |
| Injection Volume : |           | GPC Factor : |    | GPC Cleanup :   |          | PH : |  |

|                   |           |           |                       |               |
|-------------------|-----------|-----------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed         | Prep Batch ID |
| BM046015.D        | 1         |           | 6/13/2024 12:00:00 AM |               |

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

## Report of Analysis

|                    |                        |                 |                 |
|--------------------|------------------------|-----------------|-----------------|
| Client:            |                        | Date Collected: |                 |
| Project:           |                        | Date Received:  |                 |
| Client Sample ID:  | SP6528                 | SDG No.:        | BM061324        |
| Lab Sample ID:     | SP6528                 | Matrix:         | Water           |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100             |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000000      uL |
| Soil Aliquot Vol:  | uL                     | Test:           |                 |
| Extraction Type :  | Decanted :             | Level :         | LOW             |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :            |

|                   |           |           |                       |               |
|-------------------|-----------|-----------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed         | Prep Batch ID |
| BM046015.D        | 1         |           | 6/13/2024 12:00:00 AM |               |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1700  | U         | 1700   | 2500 | 5000       | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 1500  | U         | 1500   | 2500 | 5000       | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1100  | U         | 1100   | 5000 | 10000      | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1400  | U         | 1400   | 2500 | 5000       | ug/L     |
| 218-01-9          | Chrysene                    | 1500  | U         | 1500   | 2500 | 5000       | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1800  | U         | 1800   | 2500 | 5000       | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1400  | U         | 1400   | 5000 | 10000      | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1600  | U         | 1600   | 2500 | 5000       | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1700  | U         | 1700   | 2500 | 5000       | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1500  | U         | 1500   | 2500 | 5000       | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1400  | U         | 1400   | 2500 | 5000       | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1400  | U         | 1400   | 2500 | 5000       | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1400  | U         | 1400   | 2500 | 5000       | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1400  | U         | 1400   | 2500 | 5000       | ug/L     |
| <b>SURROGATES</b> |                             |       |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 14050 | *         | 15-120 |      | 175625     | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 87937 | *         | 20-120 |      | 219843     | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 87891 | *         | 10-130 |      | 219727     | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 85581 | *         | 25-120 |      | 213952     | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 91698 | *         | 20-130 |      | 229245     | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 92271 | *         | 25-125 |      | 230677     | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 90054 | *         | 20-125 |      | 225135     | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 98393 | *         | 20-130 |      | 245982     | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 87505 | *         | 20-120 |      | 218763     | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 91878 | *         | 1-146  |      | 229695     | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 86981 | *         | 25-130 |      | 217452     | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 89197 | *         | 10-130 |      | 222993     | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 74556 | *         | 10-150 |      | 186390     | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 87928 | *         | 25-125 |      | 219820     | SPK: -40 |

## Report of Analysis

|                    |           |              |    |                 |          |      |  |
|--------------------|-----------|--------------|----|-----------------|----------|------|--|
| Client:            |           |              |    | Date Collected: |          |      |  |
| Project:           |           |              |    | Date Received:  |          |      |  |
| Client Sample ID:  | SP6528    |              |    | SDG No.:        | BM061324 |      |  |
| Lab Sample ID:     | SP6528    |              |    | Matrix:         | Water    |      |  |
| Analytical Method: | SFAM_SVOC |              |    | % Moisture:     | 100      |      |  |
| Sample Wt/Vol:     | 1000      | Units:       | mL | Final Vol:      | 1000000  | uL   |  |
| Soil Aliquot Vol:  |           |              | uL | Test:           |          |      |  |
| Extraction Type :  |           | Decanted :   |    | Level :         | LOW      |      |  |
| Injection Volume : |           | GPC Factor : |    | GPC Cleanup :   |          | PH : |  |

|                   |           |           |                       |               |
|-------------------|-----------|-----------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed         | Prep Batch ID |
| BM046015.D        | 1         |           | 6/13/2024 12:00:00 AM |               |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 83164  | *         | 10-130 |     | 207910     | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 90117  | *         | 25-130 |     | 225293     | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 90939  | *         | 15-130 |     | 227348     | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 89440  | *         | 20-130 |     | 223600     | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 159217 | 7.434     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 679597 | 10.198    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 422359 | 14.08     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 864839 | 16.827    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 633113 | 21.039    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 652730 | 23.738    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1700   | U         |        |     | 99         | ug/L     |

### Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

| Sample ID                | Client ID | Matrix | Parameter                                         | Concentration    | C | MDL | RDL | Units |
|--------------------------|-----------|--------|---------------------------------------------------|------------------|---|-----|-----|-------|
| <b>Client ID : BHC24</b> |           |        |                                                   |                  |   |     |     |       |
| P2659-01                 | BHC24     | Solid  | (DEL) Alkane: Straight-Chain21.7 *                | 130.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | (DEL) Alkane: Straight-Chain23.6 *                | 690.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | (DEL) Alkane: Straight-Chain24.6 *                | 1,200.000        | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | 1(2H)-Acenaphthylene                              | 190.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | 1-Phenoxypropan-2-ol                              | 170.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | 11H-Benzo[b]fluorene                              | 150.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | 1H-Cyclopropa[1]phenanthrene, 1a *                | 480.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | 3,4-Dimethylphenanthrene                          | 170.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | 9,10-Anthracenedione                              | 550.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | 9,10-Dimethylanthracene                           | 140.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | 9H-Fluorene-9-one                                 | 190.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | Acridine                                          | 140.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | Anthracene, 9-ethenyl-                            | 160.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | Benzaldehyde, 3,5-dichloro-2-hyd *                | 1,000.000        | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | Benzo[b]naphtho[2,1-d]thiophene *                 | 140.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | Benzo[b]triphenylene                              | 360.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | Benzo[e]pyrene                                    | 480.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | Benzo[ghi]fluoranthene                            | 190.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | Benzo[j]fluoranthene                              | 630.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | Cyclopenta(def)phenanthrenone                     | 570.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | di-p-Tolylacetylene                               | 580.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | Dibenzothiophene, 3-methyl-                       | 180.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | Naphtho[2,1-b]thiophene                           | 200.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | Octadecanal                                       | 820.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | Phenanthrene, 1,7-dimethyl-                       | 210.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | Phenanthrene, 1-methyl-                           | 1,200.000        | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | Phenanthrene, 2,5-dimethyl-                       | 420.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | Phenanthrene, 2-methyl-                           | 640.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | Phenanthrene, 3,6-dimethyl-                       | 170.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | Pyrene, 1-methyl-                                 | 160.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | Tetradecanal                                      | 660.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8-tetraene * | 350.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | unknown-01                                        | 270.000          | J |     |     |       |
| P2659-01                 | BHC24     | Solid  | Total Alkanes                                     | 2,000.000        | J | 57  | 200 | ug/Kg |
| <b>Total Tics :</b>      |           |        |                                                   | <b>15,590.00</b> |   |     |     |       |
| P2659-01                 | BHC24     | Solid  | 1-Methylnaphthalene                               | 64.000           | J | 49  | 200 | ug/Kg |
| P2659-01                 | BHC24     | Solid  | 2-Methylnaphthalene                               | 57.000           | J | 44  | 200 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

| Sample ID | Client ID | Matrix | Parameter                  | Concentration | C | MDL | RDL | Units |
|-----------|-----------|--------|----------------------------|---------------|---|-----|-----|-------|
| P2659-01  | BHC24     | Solid  | Acenaphthene               | 92.000        | J | 49  | 200 | ug/Kg |
| P2659-01  | BHC24     | Solid  | Acenaphthylene             | 470.000       |   | 51  | 200 | ug/Kg |
| P2659-01  | BHC24     | Solid  | Acetophenone               | 100.000       | J | 45  | 390 | ug/Kg |
| P2659-01  | BHC24     | Solid  | Anthracene                 | 520.000       |   | 51  | 200 | ug/Kg |
| P2659-01  | BHC24     | Solid  | Benzo(a)anthracene         | 2,400.000     |   | 47  | 200 | ug/Kg |
| P2659-01  | BHC24     | Solid  | Benzo(a)pyrene             | 1,600.000     |   | 50  | 200 | ug/Kg |
| P2659-01  | BHC24     | Solid  | Benzo(b)fluoranthene       | 3,300.000     | E | 50  | 200 | ug/Kg |
| P2659-01  | BHC24     | Solid  | Benzo(g,h,i)perylene       | 210.000       |   | 42  | 200 | ug/Kg |
| P2659-01  | BHC24     | Solid  | Benzo(k)fluoranthene       | 1,200.000     |   | 54  | 200 | ug/Kg |
| P2659-01  | BHC24     | Solid  | Bis(2-ethylhexyl)phthalate | 450.000       |   | 53  | 200 | ug/Kg |
| P2659-01  | BHC24     | Solid  | Butylbenzylphthalate       | 170.000       | J | 38  | 200 | ug/Kg |
| P2659-01  | BHC24     | Solid  | Carbazole                  | 260.000       | J | 54  | 390 | ug/Kg |
| P2659-01  | BHC24     | Solid  | Chrysene                   | 2,700.000     |   | 54  | 200 | ug/Kg |
| P2659-01  | BHC24     | Solid  | Di-n-butylphthalate        | 140.000       | J | 50  | 200 | ug/Kg |
| P2659-01  | BHC24     | Solid  | Dibenzo(a,h)anthracene     | 520.000       |   | 44  | 200 | ug/Kg |
| P2659-01  | BHC24     | Solid  | Dibenzofuran               | 64.000        | J | 55  | 200 | ug/Kg |
| P2659-01  | BHC24     | Solid  | Fluoranthene               | 5,700.000     | E | 53  | 200 | ug/Kg |
| P2659-01  | BHC24     | Solid  | Fluorene                   | 190.000       | J | 54  | 200 | ug/Kg |
| P2659-01  | BHC24     | Solid  | Indeno(1,2,3-cd)pyrene     | 1,300.000     |   | 44  | 200 | ug/Kg |
| P2659-01  | BHC24     | Solid  | Naphthalene                | 73.000        | J | 41  | 200 | ug/Kg |
| P2659-01  | BHC24     | Solid  | Phenanthrene               | 3,100.000     |   | 53  | 200 | ug/Kg |
| P2659-01  | BHC24     | Solid  | Pyrene                     | 4,200.000     | E | 53  | 200 | ug/Kg |

**Total Svoc : 28,880.00**

**Total Concentration: 44,470.00**

Client ID : BHC25

|          |       |       |                                    |           |   |  |  |  |
|----------|-------|-------|------------------------------------|-----------|---|--|--|--|
| P2659-02 | BHC25 | Solid | (DEL) Alkane: Straight-Chain24.( * | 650.000   | J |  |  |  |
| P2659-02 | BHC25 | Solid | 1(2H)-Acenaphthylenone *           | 200.000   | J |  |  |  |
| P2659-02 | BHC25 | Solid | 1-Phenoxypropan-2-ol *             | 180.000   | J |  |  |  |
| P2659-02 | BHC25 | Solid | 11H-Benzo[b]fluorene *             | 150.000   | J |  |  |  |
| P2659-02 | BHC25 | Solid | 13-Tetradecen-1-ol acetate *       | 420.000   | J |  |  |  |
| P2659-02 | BHC25 | Solid | 2-Methyldibenzothiophene *         | 210.000   | J |  |  |  |
| P2659-02 | BHC25 | Solid | 4aH-carbazole, 6-methyl- *         | 150.000   | J |  |  |  |
| P2659-02 | BHC25 | Solid | 6-Phenylbenzocyclohepten-7-one *   | 450.000   | J |  |  |  |
| P2659-02 | BHC25 | Solid | 9,10-Anthracenedione *             | 660.000   | J |  |  |  |
| P2659-02 | BHC25 | Solid | 9,10-Dimethylanthracene *          | 160.000   | J |  |  |  |
| P2659-02 | BHC25 | Solid | 9H-Fluoren-9-one *                 | 220.000   | J |  |  |  |
| P2659-02 | BHC25 | Solid | 9H-Fluorene, 1-methyl- *           | 140.000   | J |  |  |  |
| P2659-02 | BHC25 | Solid | Acridine *                         | 170.000   | J |  |  |  |
| P2659-02 | BHC25 | Solid | Anthracene, 1-methyl- *            | 530.000   | J |  |  |  |
| P2659-02 | BHC25 | Solid | Anthracene, 2-methyl- *            | 1,200.000 | J |  |  |  |

### Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

| Sample ID           | Client ID | Matrix | Parameter                          | Concentration    | C       | MDL | RDL | Units |
|---------------------|-----------|--------|------------------------------------|------------------|---------|-----|-----|-------|
| P2659-02            | BHC25     | Solid  | Benzaldehyde, 3,5-dichloro-2-hyd * | 1,200.000        | J       |     |     |       |
| P2659-02            | BHC25     | Solid  | Benzo[e]pyrene                     | *                | 570.000 | J   |     |       |
| P2659-02            | BHC25     | Solid  | Benzo[ghi]fluoranthene             | *                | 170.000 | J   |     |       |
| P2659-02            | BHC25     | Solid  | Benzo[j]fluoranthene               | *                | 740.000 | J   |     |       |
| P2659-02            | BHC25     | Solid  | Cyclopenta(def)phenanthrene        | *                | 650.000 | J   |     |       |
| P2659-02            | BHC25     | Solid  | di-p-Tolylacetylene                | *                | 640.000 | J   |     |       |
| P2659-02            | BHC25     | Solid  | Dibenzothiophene                   | *                | 160.000 | J   |     |       |
| P2659-02            | BHC25     | Solid  | Naphthalene, 1-phenyl-             | *                | 190.000 | J   |     |       |
| P2659-02            | BHC25     | Solid  | Phenanthrene, 1,7-dimethyl-        | *                | 250.000 | J   |     |       |
| P2659-02            | BHC25     | Solid  | Phenanthrene, 1-methyl-            | *                | 200.000 | J   |     |       |
| P2659-02            | BHC25     | Solid  | Phenanthrene, 2,5-dimethyl-        | *                | 190.000 | J   |     |       |
| P2659-02            | BHC25     | Solid  | Phenanthrene, 2-methyl-            | *                | 730.000 | J   |     |       |
| P2659-02            | BHC25     | Solid  | Phenanthrene, 3,6-dimethyl-        | *                | 200.000 | J   |     |       |
| P2659-02            | BHC25     | Solid  | Pyrene, 1-methyl-                  | *                | 180.000 | J   |     |       |
| P2659-02            | BHC25     | Solid  | unknown-01                         | *                | 480.000 | J   |     |       |
| P2659-02            | BHC25     | Solid  | unknown-02                         | *                | 480.000 | J   |     |       |
| P2659-02            | BHC25     | Solid  | Total Alkanes                      | *                | 650.000 | 54  | 190 | ug/Kg |
| <b>Total Tics :</b> |           |        |                                    | <b>13,170.00</b> |         |     |     |       |
| P2659-02            | BHC25     | Solid  | 1-Methylnaphthalene                | 76.000           | J       | 46  | 190 | ug/Kg |
| P2659-02            | BHC25     | Solid  | 2-Methylnaphthalene                | 64.000           | J       | 42  | 190 | ug/Kg |
| P2659-02            | BHC25     | Solid  | Acenaphthene                       | 120.000          | J       | 46  | 190 | ug/Kg |
| P2659-02            | BHC25     | Solid  | Acenaphthylene                     | 560.000          |         | 49  | 190 | ug/Kg |
| P2659-02            | BHC25     | Solid  | Acetophenone                       | 93.000           | J       | 43  | 370 | ug/Kg |
| P2659-02            | BHC25     | Solid  | Anthracene                         | 630.000          |         | 49  | 190 | ug/Kg |
| P2659-02            | BHC25     | Solid  | Benzo(a)anthracene                 | 2,700.000        |         | 44  | 190 | ug/Kg |
| P2659-02            | BHC25     | Solid  | Benzo(a)pyrene                     | 1,900.000        |         | 48  | 190 | ug/Kg |
| P2659-02            | BHC25     | Solid  | Benzo(b)fluoranthene               | 3,900.000        | E       | 48  | 190 | ug/Kg |
| P2659-02            | BHC25     | Solid  | Benzo(g,h,i)perylene               | 240.000          |         | 40  | 190 | ug/Kg |
| P2659-02            | BHC25     | Solid  | Benzo(k)fluoranthene               | 1,300.000        |         | 51  | 190 | ug/Kg |
| P2659-02            | BHC25     | Solid  | Bis(2-ethylhexyl)phthalate         | 390.000          |         | 50  | 190 | ug/Kg |
| P2659-02            | BHC25     | Solid  | Butylbenzylphthalate               | 150.000          | J       | 36  | 190 | ug/Kg |
| P2659-02            | BHC25     | Solid  | Carbazole                          | 330.000          | J       | 51  | 370 | ug/Kg |
| P2659-02            | BHC25     | Solid  | Chrysene                           | 3,200.000        | E       | 51  | 190 | ug/Kg |
| P2659-02            | BHC25     | Solid  | Dibenzo(a,h)anthracene             | 600.000          |         | 42  | 190 | ug/Kg |
| P2659-02            | BHC25     | Solid  | Dibenzofuran                       | 80.000           | J       | 52  | 190 | ug/Kg |
| P2659-02            | BHC25     | Solid  | Fluoranthene                       | 6,800.000        | E       | 50  | 190 | ug/Kg |
| P2659-02            | BHC25     | Solid  | Fluorene                           | 230.000          |         | 51  | 190 | ug/Kg |
| P2659-02            | BHC25     | Solid  | Indeno(1,2,3-cd)pyrene             | 1,500.000        |         | 42  | 190 | ug/Kg |
| P2659-02            | BHC25     | Solid  | Naphthalene                        | 74.000           | J       | 39  | 190 | ug/Kg |
| P2659-02            | BHC25     | Solid  | Phenanthrene                       | 3,700.000        | E       | 50  | 190 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

| Sample ID            | Client ID | Matrix | Parameter                        | Concentration | C | MDL | RDL | Units |
|----------------------|-----------|--------|----------------------------------|---------------|---|-----|-----|-------|
| P2659-02             | BHC25     | Solid  | Pyrene                           | 5,000.000     | E | 50  | 190 | ug/Kg |
| Total Svoc :         |           |        |                                  | 33,637.00     |   |     |     |       |
| Total Concentration: |           |        |                                  | 46,807.00     |   |     |     |       |
| Client ID : BHC26    |           |        |                                  |               |   |     |     |       |
| P2659-03             | BHC26     | Solid  | (DEL) Alkane: Straight-Chain24.6 | 360.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | 1(2H)-Acenaphthylenone           | 140.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | 1-Phenoxypropan-2-ol             | 100.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | 11H-Benzo[a]fluoren-11-one       | 100.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | 11H-Benzo[a]fluorene             | 140.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | 11H-Benzo[b]fluorene             | 140.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | 1H-Cyclopropa[1]phenanthrene,1a  | 120.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | 2-Methyldibenzothiophene         | 130.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | 6-Phenylbenzocyclohepten-7-one   | 280.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | 7H-Benz[de]anthracen-7-one       | 100.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | 9,10-Anthracenedione             | 400.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | 9H-Fluoren-9-one                 | 150.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | 9H-Fluorene, 1-methyl-           | 100.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | Acridine                         | 99.000        | J |     |     |       |
| P2659-03             | BHC26     | Solid  | Anthracene, 2-methyl-            | 290.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | Benzaldehyde, 3,5-dichloro-2-hyd | 730.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | Benzo[b]naphtho[2,1-d]thiophene  | 100.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | Benzo[e]pyrene                   | 390.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | Benzo[ghi]fluoranthene           | 150.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | Cyclopenta(def)phenanthrenone    | 390.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | Dibenzothiophene                 | 140.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | Methacrylamide                   | 240.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | Naphthalene, 1-phenyl-           | 130.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | Perylene                         | 570.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | Phenanthrene, 1-methyl-          | 690.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | Phenanthrene, 2,3-dimethyl-      | 120.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | Phenanthrene, 2,5-dimethyl-      | 350.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | Phenanthrene, 2-methyl-          | 430.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | Phenanthrene, 3,6-dimethyl-      | 150.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | Pyrene, 1-methyl-                | 110.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | unknown-01                       | 270.000       | J |     |     |       |
| P2659-03             | BHC26     | Solid  | Total Alkanes                    | 360.000       |   | 53  | 190 | ug/Kg |
| Total Tics :         |           |        |                                  | 7,969.00      |   |     |     |       |
| P2659-03             | BHC26     | Solid  | Acenaphthene                     | 67.000        | J | 45  | 190 | ug/Kg |
| P2659-03             | BHC26     | Solid  | Acenaphthylene                   | 380.000       |   | 48  | 190 | ug/Kg |
| P2659-03             | BHC26     | Solid  | Acetophenone                     | 53.000        | J | 42  | 370 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

| Sample ID            | Client ID | Matrix | Parameter                  | Concentration | C | MDL | RDL | Units |
|----------------------|-----------|--------|----------------------------|---------------|---|-----|-----|-------|
| P2659-03             | BHC26     | Solid  | Anthracene                 | 420.000       |   | 48  | 190 | ug/Kg |
| P2659-03             | BHC26     | Solid  | Benzo(a)anthracene         | 2,000.000     |   | 43  | 190 | ug/Kg |
| P2659-03             | BHC26     | Solid  | Benzo(a)pyrene             | 1,300.000     |   | 47  | 190 | ug/Kg |
| P2659-03             | BHC26     | Solid  | Benzo(b)fluoranthene       | 2,700.000     |   | 47  | 190 | ug/Kg |
| P2659-03             | BHC26     | Solid  | Benzo(g,h,i)perylene       | 160.000       | J | 39  | 190 | ug/Kg |
| P2659-03             | BHC26     | Solid  | Benzo(k)fluoranthene       | 1,000.000     |   | 50  | 190 | ug/Kg |
| P2659-03             | BHC26     | Solid  | Bis(2-ethylhexyl)phthalate | 120.000       | J | 49  | 190 | ug/Kg |
| P2659-03             | BHC26     | Solid  | Butylbenzylphthalate       | 55.000        | J | 35  | 190 | ug/Kg |
| P2659-03             | BHC26     | Solid  | Carbazole                  | 210.000       | J | 50  | 370 | ug/Kg |
| P2659-03             | BHC26     | Solid  | Chrysene                   | 2,200.000     |   | 50  | 190 | ug/Kg |
| P2659-03             | BHC26     | Solid  | Dibenzo(a,h)anthracene     | 420.000       |   | 41  | 190 | ug/Kg |
| P2659-03             | BHC26     | Solid  | Fluoranthene               | 4,800.000     | E | 49  | 190 | ug/Kg |
| P2659-03             | BHC26     | Solid  | Fluorene                   | 150.000       | J | 50  | 190 | ug/Kg |
| P2659-03             | BHC26     | Solid  | Indeno(1,2,3-cd)pyrene     | 1,000.000     |   | 41  | 190 | ug/Kg |
| P2659-03             | BHC26     | Solid  | Naphthalene                | 43.000        | J | 38  | 190 | ug/Kg |
| P2659-03             | BHC26     | Solid  | Phenanthrene               | 2,400.000     |   | 49  | 190 | ug/Kg |
| P2659-03             | BHC26     | Solid  | Pyrene                     | 3,400.000     | E | 49  | 190 | ug/Kg |
| Total Svoc :         |           |        |                            | 22,878.00     |   |     |     |       |
| Total Concentration: |           |        |                            | 30,847.00     |   |     |     |       |

Client ID : BHC27

|          |       |       |                                  |   |         |   |  |  |
|----------|-------|-------|----------------------------------|---|---------|---|--|--|
| P2659-06 | BHC27 | Solid | 1-Phenoxypropan-2-ol             | * | 160.000 | J |  |  |
| P2659-06 | BHC27 | Solid | 11H-Benzo[a]fluoren-11-one       | * | 74.000  | J |  |  |
| P2659-06 | BHC27 | Solid | 11H-Benzo[b]fluorene             | * | 89.000  | J |  |  |
| P2659-06 | BHC27 | Solid | 1H-Cyclopropa[1]phenanthrene, 1a | * | 81.000  | J |  |  |
| P2659-06 | BHC27 | Solid | 4H-Cyclopenta[def]phenanthrene   | * | 290.000 | J |  |  |
| P2659-06 | BHC27 | Solid | 7H-Benz[de]anthracen-7-one       | * | 91.000  | J |  |  |
| P2659-06 | BHC27 | Solid | 9,10-Anthracenedione             | * | 160.000 | J |  |  |
| P2659-06 | BHC27 | Solid | 9H-Fluoren-9-one                 | * | 80.000  | J |  |  |
| P2659-06 | BHC27 | Solid | Benzo[e]pyrene                   | * | 130.000 | J |  |  |
| P2659-06 | BHC27 | Solid | Benzo[j]fluoranthene             | * | 170.000 | J |  |  |
| P2659-06 | BHC27 | Solid | Cyclopenta(def)phenanthrenone    | * | 150.000 | J |  |  |
| P2659-06 | BHC27 | Solid | Ethanol, 2-(tetradecyloxy)-      | * | 170.000 | J |  |  |
| P2659-06 | BHC27 | Solid | Methacrylamide                   | * | 170.000 | J |  |  |
| P2659-06 | BHC27 | Solid | Naphthalene, 2-phenyl-           | * | 110.000 | J |  |  |
| P2659-06 | BHC27 | Solid | Naphtho[2,3-b]thiophene          | * | 74.000  | J |  |  |
| P2659-06 | BHC27 | Solid | Phenanthrene, 1-methyl-          | * | 430.000 | J |  |  |
| P2659-06 | BHC27 | Solid | Phenanthrene, 2,5-dimethyl-      | * | 140.000 | J |  |  |
| P2659-06 | BHC27 | Solid | Phenanthrene, 2-methyl-          | * | 170.000 | J |  |  |
| P2659-06 | BHC27 | Solid | Propylene Glycol                 | * | 120.000 | J |  |  |
| P2659-06 | BHC27 | Solid | Propyne, 1,3-diphenyl-           | * | 110.000 | J |  |  |

### Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

| Sample ID                   | Client ID | Matrix | Parameter              | Concentration    | C         | MDL  | RDL | Units |
|-----------------------------|-----------|--------|------------------------|------------------|-----------|------|-----|-------|
| P2659-06                    | BHC27     | Solid  | Pyrene, 1-methyl-      | *                | 110.000   | J    |     |       |
| P2659-06                    | BHC27     | Solid  | Pyrene, 2-methyl-      | *                | 83.000    | J    |     |       |
| P2659-06                    | BHC27     | Solid  | unknown-01             | *                | 93.000    | J    |     |       |
| P2659-06                    | BHC27     | Solid  | unknown-02             | *                | 1,200.000 | J    |     |       |
| P2659-06                    | BHC27     | Solid  | unknown-03             | *                | 89.000    | J    |     |       |
| P2659-06                    | BHC27     | Solid  | Total Alkanes          | *                | 0.000     | 52   | 190 | ug/Kg |
| <b>Total Tics :</b>         |           |        |                        | <b>4,544.00</b>  |           |      |     |       |
| P2659-06                    | BHC27     | Solid  | Acenaphthene           |                  | 54.000    | J 45 | 190 | ug/Kg |
| P2659-06                    | BHC27     | Solid  | Acenaphthylene         |                  | 120.000   | J 47 | 190 | ug/Kg |
| P2659-06                    | BHC27     | Solid  | Anthracene             |                  | 190.000   | 47   | 190 | ug/Kg |
| P2659-06                    | BHC27     | Solid  | Benzo(a)anthracene     |                  | 720.000   | 42   | 190 | ug/Kg |
| P2659-06                    | BHC27     | Solid  | Benzo(a)pyrene         |                  | 470.000   | 46   | 190 | ug/Kg |
| P2659-06                    | BHC27     | Solid  | Benzo(b)fluoranthene   |                  | 1,000.000 | 46   | 190 | ug/Kg |
| P2659-06                    | BHC27     | Solid  | Benzo(g,h,i)perylene   |                  | 60.000    | J 38 | 190 | ug/Kg |
| P2659-06                    | BHC27     | Solid  | Benzo(k)fluoranthene   |                  | 300.000   | 49   | 190 | ug/Kg |
| P2659-06                    | BHC27     | Solid  | Carbazole              |                  | 96.000    | J 49 | 360 | ug/Kg |
| P2659-06                    | BHC27     | Solid  | Chrysene               |                  | 790.000   | 49   | 190 | ug/Kg |
| P2659-06                    | BHC27     | Solid  | Dibenzo(a,h)anthracene |                  | 140.000   | J 40 | 190 | ug/Kg |
| P2659-06                    | BHC27     | Solid  | Fluoranthene           |                  | 1,900.000 | 48   | 190 | ug/Kg |
| P2659-06                    | BHC27     | Solid  | Fluorene               |                  | 71.000    | J 49 | 190 | ug/Kg |
| P2659-06                    | BHC27     | Solid  | Indeno(1,2,3-cd)pyrene |                  | 360.000   | 40   | 190 | ug/Kg |
| P2659-06                    | BHC27     | Solid  | Naphthalene            |                  | 40.000    | J 37 | 190 | ug/Kg |
| P2659-06                    | BHC27     | Solid  | Phenanthrene           |                  | 1,200.000 | 48   | 190 | ug/Kg |
| P2659-06                    | BHC27     | Solid  | Pyrene                 |                  | 1,300.000 | 48   | 190 | ug/Kg |
| <b>Total Svoc :</b>         |           |        |                        | <b>8,811.00</b>  |           |      |     |       |
| <b>Total Concentration:</b> |           |        |                        | <b>13,355.00</b> |           |      |     |       |

Client ID : BHC31

|          |       |       |                                  |   |         |   |  |  |
|----------|-------|-------|----------------------------------|---|---------|---|--|--|
| P2659-10 | BHC31 | Solid | (DEL) Alkane: Straight-Chain20.7 | * | 150.000 | J |  |  |
| P2659-10 | BHC31 | Solid | (DEL) Alkane: Straight-Chain22.3 | * | 82.000  | J |  |  |
| P2659-10 | BHC31 | Solid | 1-Phenoxypropan-2-ol             | * | 170.000 | J |  |  |
| P2659-10 | BHC31 | Solid | 11H-Benzo[a]fluoren-11-one       | * | 90.000  | J |  |  |
| P2659-10 | BHC31 | Solid | 11H-Benzo[a]fluorene             | * | 120.000 | J |  |  |
| P2659-10 | BHC31 | Solid | 11H-Benzo[b]fluorene             | * | 75.000  | J |  |  |
| P2659-10 | BHC31 | Solid | 3,4-Dimethylphenanthrene         | * | 220.000 | J |  |  |
| P2659-10 | BHC31 | Solid | 6-Phenylbenzocyclohepten-7-one   | * | 120.000 | J |  |  |
| P2659-10 | BHC31 | Solid | 6H-Cyclobuta[jk]phenanthrene     | * | 370.000 | J |  |  |
| P2659-10 | BHC31 | Solid | 7H-Benz[de]anthracen-7-one       | * | 85.000  | J |  |  |
| P2659-10 | BHC31 | Solid | 9,10-Anthracenedione             | * | 180.000 | J |  |  |
| P2659-10 | BHC31 | Solid | Anthracene, 1-methyl-            | * | 170.000 | J |  |  |
| P2659-10 | BHC31 | Solid | Anthracene, 2-methyl-            | * | 78.000  | J |  |  |

### Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

| Sample ID                   | Client ID | Matrix | Parameter                       | Concentration | C                | MDL  | RDL | Units |
|-----------------------------|-----------|--------|---------------------------------|---------------|------------------|------|-----|-------|
| P2659-10                    | BHC31     | Solid  | Benz[a]anthracene, 7-methyl-    | *             | 91.000           | J    |     |       |
| P2659-10                    | BHC31     | Solid  | Benzo[b]naphtho[2,1-d]thiophene | *             | 85.000           | J    |     |       |
| P2659-10                    | BHC31     | Solid  | Benzo[e]pyrene                  | *             | 170.000          | J    |     |       |
| P2659-10                    | BHC31     | Solid  | Cyclopenta(def)phenanthrene     | *             | 200.000          | J    |     |       |
| P2659-10                    | BHC31     | Solid  | Methacrylamide                  | *             | 220.000          | J    |     |       |
| P2659-10                    | BHC31     | Solid  | Perylene                        | *             | 250.000          | J    |     |       |
| P2659-10                    | BHC31     | Solid  | Phenanthrene, 1-methyl-         | *             | 440.000          | J    |     |       |
| P2659-10                    | BHC31     | Solid  | Phenanthrene, 2-methyl-         | *             | 240.000          | J    |     |       |
| P2659-10                    | BHC31     | Solid  | Propylene Glycol                | *             | 160.000          | J    |     |       |
| P2659-10                    | BHC31     | Solid  | Pyrene, 1-methyl-               | *             | 120.000          | J    |     |       |
| P2659-10                    | BHC31     | Solid  | Pyrene, 4-methyl-               | *             | 110.000          | J    |     |       |
| P2659-10                    | BHC31     | Solid  | unknown-01                      | *             | 100.000          | J    |     |       |
| P2659-10                    | BHC31     | Solid  | unknown-02                      | *             | 850.000          | J    |     |       |
| P2659-10                    | BHC31     | Solid  | unknown-03                      | *             | 150.000          | J    |     |       |
| P2659-10                    | BHC31     | Solid  | Total Alkanes                   | *             | 230.000          | 54   | 190 | ug/Kg |
| <b>Total Tics :</b>         |           |        |                                 |               | <b>5,326.00</b>  |      |     |       |
| P2659-10                    | BHC31     | Solid  | Acenaphthylene                  |               | 190.000          | 48   | 190 | ug/Kg |
| P2659-10                    | BHC31     | Solid  | Anthracene                      |               | 180.000          | J 48 | 190 | ug/Kg |
| P2659-10                    | BHC31     | Solid  | Benzo(a)anthracene              |               | 830.000          | 44   | 190 | ug/Kg |
| P2659-10                    | BHC31     | Solid  | Benzo(a)pyrene                  |               | 550.000          | 47   | 190 | ug/Kg |
| P2659-10                    | BHC31     | Solid  | Benzo(b)fluoranthene            |               | 1,100.000        | 47   | 190 | ug/Kg |
| P2659-10                    | BHC31     | Solid  | Benzo(g,h,i)perylene            |               | 68.000           | J 39 | 190 | ug/Kg |
| P2659-10                    | BHC31     | Solid  | Benzo(k)fluoranthene            |               | 420.000          | 50   | 190 | ug/Kg |
| P2659-10                    | BHC31     | Solid  | Carbazole                       |               | 82.000           | J 50 | 370 | ug/Kg |
| P2659-10                    | BHC31     | Solid  | Chrysene                        |               | 930.000          | 50   | 190 | ug/Kg |
| P2659-10                    | BHC31     | Solid  | Dibenzo(a,h)anthracene          |               | 170.000          | J 41 | 190 | ug/Kg |
| P2659-10                    | BHC31     | Solid  | Fluoranthene                    |               | 1,900.000        | 49   | 190 | ug/Kg |
| P2659-10                    | BHC31     | Solid  | Fluorene                        |               | 64.000           | J 50 | 190 | ug/Kg |
| P2659-10                    | BHC31     | Solid  | Indeno(1,2,3-cd)pyrene          |               | 410.000          | 41   | 190 | ug/Kg |
| P2659-10                    | BHC31     | Solid  | Phenanthrene                    |               | 1,000.000        | 49   | 190 | ug/Kg |
| P2659-10                    | BHC31     | Solid  | Pyrene                          |               | 1,400.000        | 49   | 190 | ug/Kg |
| <b>Total Svoc :</b>         |           |        |                                 |               | <b>9,294.00</b>  |      |     |       |
| <b>Total Concentration:</b> |           |        |                                 |               | <b>14,620.00</b> |      |     |       |

Client ID : BHC32

|          |       |       |                                  |   |         |   |  |  |
|----------|-------|-------|----------------------------------|---|---------|---|--|--|
| P2659-11 | BHC32 | Solid | (DEL) Alkane: Cyclic20.751       | * | 190.000 | J |  |  |
| P2659-11 | BHC32 | Solid | (DEL) Alkane: Straight-Chain24.6 | * | 300.000 | J |  |  |
| P2659-11 | BHC32 | Solid | 1-Phenoxypropan-2-ol             | * | 240.000 | J |  |  |
| P2659-11 | BHC32 | Solid | 11H-Benzo[a]fluoren-11-one       | * | 100.000 | J |  |  |
| P2659-11 | BHC32 | Solid | 11H-Benzo[b]fluorene             | * | 140.000 | J |  |  |
| P2659-11 | BHC32 | Solid | 1H-Cyclopropa[1]phenanthrene,1a  | * | 99.000  | J |  |  |

### Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

| Sample ID           | Client ID | Matrix | Parameter                      | Concentration | C               | MDL  | RDL | Units |
|---------------------|-----------|--------|--------------------------------|---------------|-----------------|------|-----|-------|
| P2659-11            | BHC32     | Solid  | 4H-Cyclopenta[def]phenanthrene | *             | 510.000         | J    |     |       |
| P2659-11            | BHC32     | Solid  | 7H-Benz[de]anthracen-7-one     | *             | 92.000          | J    |     |       |
| P2659-11            | BHC32     | Solid  | 9,10-Anthracenedione           | *             | 250.000         | J    |     |       |
| P2659-11            | BHC32     | Solid  | 9-Octadecenamide, (Z)-         | *             | 98.000          | J    |     |       |
| P2659-11            | BHC32     | Solid  | 9H-Fluoren-9-one               | *             | 100.000         | J    |     |       |
| P2659-11            | BHC32     | Solid  | Anthracene, 2-methyl-          | *             | 260.000         | J    |     |       |
| P2659-11            | BHC32     | Solid  | Benz[a]anthracene, 7-methyl-   | *             | 96.000          | J    |     |       |
| P2659-11            | BHC32     | Solid  | Benzo[e]pyrene                 | *             | 250.000         | J    |     |       |
| P2659-11            | BHC32     | Solid  | Cyclopenta(def)phenanthrenone  | *             | 290.000         | J    |     |       |
| P2659-11            | BHC32     | Solid  | di-p-Tolylacetylene            | *             | 220.000         | J    |     |       |
| P2659-11            | BHC32     | Solid  | Dibenzothiophene               | *             | 110.000         | J    |     |       |
| P2659-11            | BHC32     | Solid  | Dibenzothiophene, 3-methyl-    | *             | 85.000          | J    |     |       |
| P2659-11            | BHC32     | Solid  | Fluoranthene, 2-methyl-        | *             | 87.000          | J    |     |       |
| P2659-11            | BHC32     | Solid  | Methacrylamide                 | *             | 140.000         | J    |     |       |
| P2659-11            | BHC32     | Solid  | Naphthalene, 1,6,7-trimethyl-  | *             | 97.000          | J    |     |       |
| P2659-11            | BHC32     | Solid  | Naphthalene, 2-phenyl-         | *             | 180.000         | J    |     |       |
| P2659-11            | BHC32     | Solid  | Perylene                       | *             | 240.000         | J    |     |       |
| P2659-11            | BHC32     | Solid  | Phenanthrene, 1,7-dimethyl-    | *             | 110.000         | J    |     |       |
| P2659-11            | BHC32     | Solid  | Phenanthrene, 1-methyl-        | *             | 670.000         | J    |     |       |
| P2659-11            | BHC32     | Solid  | Phenanthrene, 2,5-dimethyl-    | *             | 320.000         | J    |     |       |
| P2659-11            | BHC32     | Solid  | Phenanthrene, 2-methyl-        | *             | 340.000         | J    |     |       |
| P2659-11            | BHC32     | Solid  | Phenanthrene, 3,6-dimethyl-    | *             | 150.000         | J    |     |       |
| P2659-11            | BHC32     | Solid  | Propylene Glycol               | *             | 97.000          | J    |     |       |
| P2659-11            | BHC32     | Solid  | Pyrene, 1-methyl-              | *             | 150.000         | J    |     |       |
| P2659-11            | BHC32     | Solid  | Pyrene, 4-methyl-              | *             | 130.000         | J    |     |       |
| P2659-11            | BHC32     | Solid  | unknown-01                     | *             | 120.000         | J    |     |       |
| P2659-11            | BHC32     | Solid  | Total Alkanes                  | *             | 490.000         | 55   | 190 | ug/Kg |
| <b>Total Tics :</b> |           |        |                                |               | <b>6,751.00</b> |      |     |       |
| P2659-11            | BHC32     | Solid  | Acenaphthene                   |               | 49.000          | J 47 | 190 | ug/Kg |
| P2659-11            | BHC32     | Solid  | Acenaphthylene                 |               | 240.000         | 49   | 190 | ug/Kg |
| P2659-11            | BHC32     | Solid  | Acetophenone                   |               | 46.000          | J 43 | 380 | ug/Kg |
| P2659-11            | BHC32     | Solid  | Anthracene                     |               | 250.000         | 49   | 190 | ug/Kg |
| P2659-11            | BHC32     | Solid  | Benzo(a)anthracene             |               | 1,100.000       | 44   | 190 | ug/Kg |
| P2659-11            | BHC32     | Solid  | Benzo(a)pyrene                 |               | 720.000         | 48   | 190 | ug/Kg |
| P2659-11            | BHC32     | Solid  | Benzo(b)fluoranthene           |               | 1,500.000       | 48   | 190 | ug/Kg |
| P2659-11            | BHC32     | Solid  | Benzo(g,h,i)perylene           |               | 91.000          | J 40 | 190 | ug/Kg |
| P2659-11            | BHC32     | Solid  | Benzo(k)fluoranthene           |               | 520.000         | 51   | 190 | ug/Kg |
| P2659-11            | BHC32     | Solid  | Carbazole                      |               | 120.000         | J 51 | 380 | ug/Kg |
| P2659-11            | BHC32     | Solid  | Chrysene                       |               | 1,300.000       | 51   | 190 | ug/Kg |
| P2659-11            | BHC32     | Solid  | Dibenzo(a,h)anthracene         |               | 240.000         | 42   | 190 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

| Sample ID            | Client ID | Matrix | Parameter              | Concentration | C | MDL | RDL | Units |
|----------------------|-----------|--------|------------------------|---------------|---|-----|-----|-------|
| P2659-11             | BHC32     | Solid  | Fluoranthene           | 2,700.000     |   | 50  | 190 | ug/Kg |
| P2659-11             | BHC32     | Solid  | Fluorene               | 100.000       | J | 51  | 190 | ug/Kg |
| P2659-11             | BHC32     | Solid  | Indeno(1,2,3-cd)pyrene | 560.000       |   | 42  | 190 | ug/Kg |
| P2659-11             | BHC32     | Solid  | Naphthalene            | 47.000        | J | 39  | 190 | ug/Kg |
| P2659-11             | BHC32     | Solid  | Phenanthrene           | 1,600.000     |   | 50  | 190 | ug/Kg |
| P2659-11             | BHC32     | Solid  | Pyrene                 | 2,000.000     |   | 50  | 190 | ug/Kg |
| Total Svoc :         |           |        |                        | 13,183.00     |   |     |     |       |
| Total Concentration: |           |        |                        | 19,934.00     |   |     |     |       |

Client ID : BHC34

|          |       |       |                                      |           |   |  |  |  |
|----------|-------|-------|--------------------------------------|-----------|---|--|--|--|
| P2659-13 | BHC34 | Solid | (DEL) Alkane: Straight-Chain23.( *   | 610.000   | J |  |  |  |
| P2659-13 | BHC34 | Solid | (DEL) Alkane: Straight-Chain24.( *   | 1,100.000 | J |  |  |  |
| P2659-13 | BHC34 | Solid | 1-Phenoxypropan-2-ol *               | 200.000   | J |  |  |  |
| P2659-13 | BHC34 | Solid | 11H-Benzo[a]fluoren-11-one *         | 98.000    | J |  |  |  |
| P2659-13 | BHC34 | Solid | 11H-Benzo[a]fluorene *               | 120.000   | J |  |  |  |
| P2659-13 | BHC34 | Solid | 26-Nor-5-cholesten-3.beta.-ol-25- *  | 660.000   | J |  |  |  |
| P2659-13 | BHC34 | Solid | 4,4-Bis(tetrahydrothiopyran) *       | 100.000   | J |  |  |  |
| P2659-13 | BHC34 | Solid | 4H-Cyclopenta[def]phenanthrene *     | 440.000   | J |  |  |  |
| P2659-13 | BHC34 | Solid | 6-Phenylbenzocyclohepten-7-one *     | 140.000   | J |  |  |  |
| P2659-13 | BHC34 | Solid | 7H-Benz[de]anthracen-7-one *         | 92.000    | J |  |  |  |
| P2659-13 | BHC34 | Solid | 9,10-Anthracenedione *               | 230.000   | J |  |  |  |
| P2659-13 | BHC34 | Solid | Acetic acid, 3-[1,3]dioxolan-2-ylp * | 120.000   | J |  |  |  |
| P2659-13 | BHC34 | Solid | Anthracene, 1-methyl- *              | 170.000   | J |  |  |  |
| P2659-13 | BHC34 | Solid | Anthracene, 9-methyl- *              | 130.000   | J |  |  |  |
| P2659-13 | BHC34 | Solid | Benzo[b]naphtho[2,1-d]thiophene *    | 98.000    | J |  |  |  |
| P2659-13 | BHC34 | Solid | Benzo[e]pyrene *                     | 260.000   | J |  |  |  |
| P2659-13 | BHC34 | Solid | Chrysene, 6-methyl- *                | 160.000   | J |  |  |  |
| P2659-13 | BHC34 | Solid | Cyclopenta(def)phenanthrenone *      | 230.000   | J |  |  |  |
| P2659-13 | BHC34 | Solid | di-p-Tolylacetylene *                | 110.000   | J |  |  |  |
| P2659-13 | BHC34 | Solid | n-Hexadecanoic acid *                | 930.000   | J |  |  |  |
| P2659-13 | BHC34 | Solid | Naphtho[1,2-b]thiophene *            | 91.000    | J |  |  |  |
| P2659-13 | BHC34 | Solid | Nonadecane, 1-chloro- *              | 85.000    | J |  |  |  |
| P2659-13 | BHC34 | Solid | Octacosanal *                        | 550.000   | J |  |  |  |
| P2659-13 | BHC34 | Solid | Oxirane, hexadecyl- *                | 550.000   | J |  |  |  |
| P2659-13 | BHC34 | Solid | Phenanthrene, 2,5-dimethyl- *        | 250.000   | J |  |  |  |
| P2659-13 | BHC34 | Solid | Phenanthrene, 2,7-dimethyl- *        | 160.000   | J |  |  |  |
| P2659-13 | BHC34 | Solid | Phenanthrene, 2-methyl- *            | 250.000   | J |  |  |  |
| P2659-13 | BHC34 | Solid | Phenanthrene, 3,6-dimethyl- *        | 88.000    | J |  |  |  |
| P2659-13 | BHC34 | Solid | Pyrene, 1-methyl- *                  | 100.000   | J |  |  |  |
| P2659-13 | BHC34 | Solid | unknown-01 *                         | 120.000   | J |  |  |  |
| P2659-13 | BHC34 | Solid | unknown-02 *                         | 150.000   | J |  |  |  |

### Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

| Sample ID                   | Client ID | Matrix | Parameter                  | Concentration    | C         | MDL  | RDL | Units |
|-----------------------------|-----------|--------|----------------------------|------------------|-----------|------|-----|-------|
| P2659-13                    | BHC34     | Solid  | unknown-03                 | *                | 280.000   | J    |     |       |
| P2659-13                    | BHC34     | Solid  | Total Alkanes              | *                | 1,700.000 | 58   | 200 | ug/Kg |
| <b>Total Tics :</b>         |           |        |                            | <b>10,372.00</b> |           |      |     |       |
| P2659-13                    | BHC34     | Solid  | Acenaphthylene             |                  | 210.000   | 52   | 200 | ug/Kg |
| P2659-13                    | BHC34     | Solid  | Acetophenone               |                  | 65.000    | J 46 | 400 | ug/Kg |
| P2659-13                    | BHC34     | Solid  | Anthracene                 |                  | 230.000   | 52   | 200 | ug/Kg |
| P2659-13                    | BHC34     | Solid  | Benzo(a)anthracene         |                  | 1,100.000 | 47   | 200 | ug/Kg |
| P2659-13                    | BHC34     | Solid  | Benzo(a)pyrene             |                  | 780.000   | 50   | 200 | ug/Kg |
| P2659-13                    | BHC34     | Solid  | Benzo(b)fluoranthene       |                  | 1,600.000 | 50   | 200 | ug/Kg |
| P2659-13                    | BHC34     | Solid  | Benzo(g,h,i)perylene       |                  | 100.000   | J 42 | 200 | ug/Kg |
| P2659-13                    | BHC34     | Solid  | Benzo(k)fluoranthene       |                  | 610.000   | 54   | 200 | ug/Kg |
| P2659-13                    | BHC34     | Solid  | Bis(2-ethylhexyl)phthalate |                  | 750.000   | 53   | 200 | ug/Kg |
| P2659-13                    | BHC34     | Solid  | Butylbenzylphthalate       |                  | 190.000   | J 38 | 200 | ug/Kg |
| P2659-13                    | BHC34     | Solid  | Carbazole                  |                  | 100.000   | J 54 | 400 | ug/Kg |
| P2659-13                    | BHC34     | Solid  | Chrysene                   |                  | 1,300.000 | 54   | 200 | ug/Kg |
| P2659-13                    | BHC34     | Solid  | Dibenzo(a,h)anthracene     |                  | 250.000   | 44   | 200 | ug/Kg |
| P2659-13                    | BHC34     | Solid  | Fluoranthene               |                  | 2,700.000 | 53   | 200 | ug/Kg |
| P2659-13                    | BHC34     | Solid  | Fluorene                   |                  | 71.000    | J 54 | 200 | ug/Kg |
| P2659-13                    | BHC34     | Solid  | Indeno(1,2,3-cd)pyrene     |                  | 640.000   | 44   | 200 | ug/Kg |
| P2659-13                    | BHC34     | Solid  | Phenanthrene               |                  | 1,200.000 | 53   | 200 | ug/Kg |
| P2659-13                    | BHC34     | Solid  | Pyrene                     |                  | 2,000.000 | 53   | 200 | ug/Kg |
| <b>Total Svoc :</b>         |           |        |                            | <b>13,896.00</b> |           |      |     |       |
| <b>Total Concentration:</b> |           |        |                            | <b>24,268.00</b> |           |      |     |       |

Client ID : BHC35

|          |       |       |                                         |         |   |  |  |
|----------|-------|-------|-----------------------------------------|---------|---|--|--|
| P2659-14 | BHC35 | Solid | (DEL) Alkane: Straight-Chain23.( *      | 270.000 | J |  |  |
| P2659-14 | BHC35 | Solid | (DEL) Alkane: Straight-Chain24.( *      | 440.000 | J |  |  |
| P2659-14 | BHC35 | Solid | 1,2-Benzenedicarboxylic acid, dec *     | 720.000 | J |  |  |
| P2659-14 | BHC35 | Solid | 1,2-Benzenedicarboxylic acid, dihydro * | 250.000 | J |  |  |
| P2659-14 | BHC35 | Solid | 1-Phenoxypropan-2-ol *                  | 230.000 | J |  |  |
| P2659-14 | BHC35 | Solid | 11H-Benzo[a]fluoren-11-one *            | 100.000 | J |  |  |
| P2659-14 | BHC35 | Solid | 11H-Benzo[a]fluorene *                  | 95.000  | J |  |  |
| P2659-14 | BHC35 | Solid | 1H-Cyclopropa[1]phenanthrene, 1a *      | 130.000 | J |  |  |
| P2659-14 | BHC35 | Solid | 1H-Indene, 2-phenyl- *                  | 150.000 | J |  |  |
| P2659-14 | BHC35 | Solid | 4H-Cyclopenta[def]phenanthrene *        | 410.000 | J |  |  |
| P2659-14 | BHC35 | Solid | 6-Phenylbenzocyclohepten-7-one *        | 140.000 | J |  |  |
| P2659-14 | BHC35 | Solid | 7H-Benz[de]anthracen-7-one *            | 95.000  | J |  |  |
| P2659-14 | BHC35 | Solid | 9,10-Anthracenedione *                  | 230.000 | J |  |  |
| P2659-14 | BHC35 | Solid | Benzo[e]pyrene *                        | 240.000 | J |  |  |
| P2659-14 | BHC35 | Solid | Cholesterol *                           | 910.000 | J |  |  |
| P2659-14 | BHC35 | Solid | Cyclopenta(cd)pyrene, 3,4-dihydro *     | 92.000  | J |  |  |

### Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

| Sample ID                   | Client ID | Matrix | Parameter                          | Concentration | C                | MDL | RDL | Units     |
|-----------------------------|-----------|--------|------------------------------------|---------------|------------------|-----|-----|-----------|
| P2659-14                    | BHC35     | Solid  | Cyclopenta(def)phenanthrenone      | *             | 220.000          | J   |     |           |
| P2659-14                    | BHC35     | Solid  | Ethanol, 2-(tetradecyloxy)-        | *             | 290.000          | J   |     |           |
| P2659-14                    | BHC35     | Solid  | n-Hexadecanoic acid                | *             | 970.000          | J   |     |           |
| P2659-14                    | BHC35     | Solid  | Octadecanoic acid                  | *             | 140.000          | J   |     |           |
| P2659-14                    | BHC35     | Solid  | Perylene                           | *             | 330.000          | J   |     |           |
| P2659-14                    | BHC35     | Solid  | Phenanthrene, 1,7-dimethyl-        | *             | 110.000          | J   |     |           |
| P2659-14                    | BHC35     | Solid  | Phenanthrene, 2,5-dimethyl-        | *             | 230.000          | J   |     |           |
| P2659-14                    | BHC35     | Solid  | Phenanthrene, 2-methyl-            | *             | 260.000          | J   |     |           |
| P2659-14                    | BHC35     | Solid  | Phenanthrene, 3,6-dimethyl-        | *             | 150.000          | J   |     |           |
| P2659-14                    | BHC35     | Solid  | Phthalic acid, 2-ethylbutyl heptyl | *             | 250.000          | J   |     |           |
| P2659-14                    | BHC35     | Solid  | Phthalic acid, 5-methylhex-2-yl he | *             | 260.000          | J   |     |           |
| P2659-14                    | BHC35     | Solid  | Phthalic acid, heptyl octyl ester  | *             | 1,200.000        | J   |     |           |
| P2659-14                    | BHC35     | Solid  | Phthalic acid, heptyl undecyl este | *             | 170.000          | J   |     |           |
| P2659-14                    | BHC35     | Solid  | Phthalic acid, isobutyl 6-methylhe | *             | 150.000          | J   |     |           |
| P2659-14                    | BHC35     | Solid  | Propylene Glycol                   | *             | 150.000          | J   |     |           |
| P2659-14                    | BHC35     | Solid  | Pyrene, 1-methyl-                  | *             | 98.000           | J   |     |           |
| P2659-14                    | BHC35     | Solid  | Total Alkanes                      | *             | 710.000          |     | 56  | 200 ug/Kg |
| <b>Total Tics :</b>         |           |        |                                    |               | <b>10,190.00</b> |     |     |           |
| P2659-14                    | BHC35     | Solid  | Acenaphthylene                     |               | 190.000          | J   | 50  | 200 ug/Kg |
| P2659-14                    | BHC35     | Solid  | Acetophenone                       |               | 55.000           | J   | 45  | 390 ug/Kg |
| P2659-14                    | BHC35     | Solid  | Anthracene                         |               | 200.000          |     | 50  | 200 ug/Kg |
| P2659-14                    | BHC35     | Solid  | Benzo(a)anthracene                 |               | 1,000.000        |     | 46  | 200 ug/Kg |
| P2659-14                    | BHC35     | Solid  | Benzo(a)pyrene                     |               | 680.000          |     | 49  | 200 ug/Kg |
| P2659-14                    | BHC35     | Solid  | Benzo(b)fluoranthene               |               | 1,400.000        |     | 49  | 200 ug/Kg |
| P2659-14                    | BHC35     | Solid  | Benzo(g,h,i)perylene               |               | 94.000           | J   | 41  | 200 ug/Kg |
| P2659-14                    | BHC35     | Solid  | Benzo(k)fluoranthene               |               | 570.000          |     | 53  | 200 ug/Kg |
| P2659-14                    | BHC35     | Solid  | Bis(2-ethylhexyl)phthalate         |               | 2,100.000        |     | 52  | 200 ug/Kg |
| P2659-14                    | BHC35     | Solid  | Butylbenzylphthalate               |               | 200.000          |     | 37  | 200 ug/Kg |
| P2659-14                    | BHC35     | Solid  | Carbazole                          |               | 93.000           | J   | 53  | 390 ug/Kg |
| P2659-14                    | BHC35     | Solid  | Chrysene                           |               | 1,200.000        |     | 53  | 200 ug/Kg |
| P2659-14                    | BHC35     | Solid  | Di-n-octyl phthalate               |               | 890.000          |     | 40  | 390 ug/Kg |
| P2659-14                    | BHC35     | Solid  | Dibenzo(a,h)anthracene             |               | 230.000          |     | 43  | 200 ug/Kg |
| P2659-14                    | BHC35     | Solid  | Fluoranthene                       |               | 2,400.000        |     | 52  | 200 ug/Kg |
| P2659-14                    | BHC35     | Solid  | Fluorene                           |               | 55.000           | J   | 53  | 200 ug/Kg |
| P2659-14                    | BHC35     | Solid  | Indeno(1,2,3-cd)pyrene             |               | 570.000          |     | 43  | 200 ug/Kg |
| P2659-14                    | BHC35     | Solid  | Phenanthrene                       |               | 1,000.000        |     | 52  | 200 ug/Kg |
| P2659-14                    | BHC35     | Solid  | Pyrene                             |               | 1,800.000        |     | 52  | 200 ug/Kg |
| <b>Total Svoc :</b>         |           |        |                                    |               | <b>14,727.00</b> |     |     |           |
| <b>Total Concentration:</b> |           |        |                                    |               | <b>24,917.00</b> |     |     |           |

Client ID : BHC39

### Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

| Sample ID           | Client ID | Matrix | Parameter                            | Concentration | C               | MDL | RDL | Units     |
|---------------------|-----------|--------|--------------------------------------|---------------|-----------------|-----|-----|-----------|
| P2659-18            | BHC39     | Solid  | (DEL) Alkane: Straight-Chain20.7     | *             | 200.000         | J   |     |           |
| P2659-18            | BHC39     | Solid  | (DEL) Alkane: Straight-Chain24.6     | *             | 470.000         | J   |     |           |
| P2659-18            | BHC39     | Solid  | (S)-(+)-1,2-Propanediol              | *             | 130.000         | J   |     |           |
| P2659-18            | BHC39     | Solid  | 1-Phenoxypropan-2-ol                 | *             | 190.000         | J   |     |           |
| P2659-18            | BHC39     | Solid  | 11H-Benzo[a]fluoren-11-one           | *             | 100.000         | J   |     |           |
| P2659-18            | BHC39     | Solid  | 11H-Benzo[a]fluorene                 | *             | 120.000         | J   |     |           |
| P2659-18            | BHC39     | Solid  | 11H-Benzo[b]fluorene                 | *             | 140.000         | J   |     |           |
| P2659-18            | BHC39     | Solid  | 1H-Indene, 2-phenyl-                 | *             | 140.000         | J   |     |           |
| P2659-18            | BHC39     | Solid  | 4H-Cyclopenta[def]phenanthrene       | *             | 380.000         | J   |     |           |
| P2659-18            | BHC39     | Solid  | 7H-Benz[de]anthracen-7-one           | *             | 88.000          | J   |     |           |
| P2659-18            | BHC39     | Solid  | 9,10-Anthracenedione                 | *             | 190.000         | J   |     |           |
| P2659-18            | BHC39     | Solid  | 9,10-Dimethylanthracene              | *             | 200.000         | J   |     |           |
| P2659-18            | BHC39     | Solid  | Anthracene, 2-methyl-                | *             | 660.000         | J   |     |           |
| P2659-18            | BHC39     | Solid  | Benz[a]anthracene, 8-methyl-         | *             | 170.000         | J   |     |           |
| P2659-18            | BHC39     | Solid  | Benzenesulfonamide, N,4-dimethyl-    | *             | 1,000.000       | J   |     |           |
| P2659-18            | BHC39     | Solid  | Benzenesulfonic acid, 4-methyl-, 1   | *             | 170.000         | J   |     |           |
| P2659-18            | BHC39     | Solid  | Benzo[e]pyrene                       | *             | 190.000         | J   |     |           |
| P2659-18            | BHC39     | Solid  | Cyclopenta(def)phenanthrenone        | *             | 190.000         | J   |     |           |
| P2659-18            | BHC39     | Solid  | Octadecanoic acid                    | *             | 100.000         | J   |     |           |
| P2659-18            | BHC39     | Solid  | Phenanthrene, 2-methyl-              | *             | 210.000         | J   |     |           |
| P2659-18            | BHC39     | Solid  | Phenanthrene, 3,6-dimethyl-          | *             | 120.000         | J   |     |           |
| P2659-18            | BHC39     | Solid  | Pyrene, 1-methyl-                    | *             | 110.000         | J   |     |           |
| P2659-18            | BHC39     | Solid  | Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6 | *             | 120.000         | J   |     |           |
| P2659-18            | BHC39     | Solid  | unknown-01                           | *             | 160.000         | J   |     |           |
| P2659-18            | BHC39     | Solid  | unknown-02                           | *             | 160.000         | J   |     |           |
| P2659-18            | BHC39     | Solid  | Total Alkanes                        | *             | 670.000         |     | 63  | 220 ug/Kg |
| <b>Total Tics :</b> |           |        |                                      |               | <b>6,378.00</b> |     |     |           |
| P2659-18            | BHC39     | Solid  | Acenaphthylene                       |               | 130.000         | J   | 56  | 220 ug/Kg |
| P2659-18            | BHC39     | Solid  | Acetophenone                         |               | 63.000          | J   | 50  | 430 ug/Kg |
| P2659-18            | BHC39     | Solid  | Anthracene                           |               | 190.000         | J   | 56  | 220 ug/Kg |
| P2659-18            | BHC39     | Solid  | Benzo(a)anthracene                   |               | 920.000         |     | 51  | 220 ug/Kg |
| P2659-18            | BHC39     | Solid  | Benzo(a)pyrene                       |               | 580.000         |     | 55  | 220 ug/Kg |
| P2659-18            | BHC39     | Solid  | Benzo(b)fluoranthene                 |               | 1,200.000       |     | 55  | 220 ug/Kg |
| P2659-18            | BHC39     | Solid  | Benzo(g,h,i)perylene                 |               | 72.000          | J   | 46  | 220 ug/Kg |
| P2659-18            | BHC39     | Solid  | Benzo(k)fluoranthene                 |               | 480.000         |     | 59  | 220 ug/Kg |
| P2659-18            | BHC39     | Solid  | Bis(2-ethylhexyl)phthalate           |               | 1,200.000       |     | 57  | 220 ug/Kg |
| P2659-18            | BHC39     | Solid  | Butylbenzylphthalate                 |               | 320.000         |     | 42  | 220 ug/Kg |
| P2659-18            | BHC39     | Solid  | Carbazole                            |               | 100.000         | J   | 59  | 430 ug/Kg |
| P2659-18            | BHC39     | Solid  | Chrysene                             |               | 1,000.000       |     | 59  | 220 ug/Kg |
| P2659-18            | BHC39     | Solid  | Di-n-butylphthalate                  |               | 300.000         |     | 55  | 220 ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

| Sample ID            | Client ID | Matrix | Parameter              | Concentration | C | MDL | RDL | Units |
|----------------------|-----------|--------|------------------------|---------------|---|-----|-----|-------|
| P2659-18             | BHC39     | Solid  | Dibenzo(a,h)anthracene | 200.000       | J | 48  | 220 | ug/Kg |
| P2659-18             | BHC39     | Solid  | Fluoranthene           | 2,300.000     |   | 57  | 220 | ug/Kg |
| P2659-18             | BHC39     | Solid  | Fluorene               | 66.000        | J | 59  | 220 | ug/Kg |
| P2659-18             | BHC39     | Solid  | Indeno(1,2,3-cd)pyrene | 470.000       |   | 48  | 220 | ug/Kg |
| P2659-18             | BHC39     | Solid  | Phenanthrene           | 1,100.000     |   | 57  | 220 | ug/Kg |
| P2659-18             | BHC39     | Solid  | Pyrene                 | 1,600.000     |   | 57  | 220 | ug/Kg |
| Total Svoc :         |           |        |                        | 12,291.00     |   |     |     |       |
| Total Concentration: |           |        |                        | 18,669.00     |   |     |     |       |

Client ID : BHC40

|          |       |       |                                     |   |         |    |     |       |
|----------|-------|-------|-------------------------------------|---|---------|----|-----|-------|
| P2659-19 | BHC40 | Solid | 1-Phenoxypropan-2-ol                | * | 180.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | 11H-Benzo[a]fluoren-11-one          | * | 120.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | 11H-Benzo[b]fluorene                | * | 150.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | 4H-Cyclopenta[def]phenanthrene      | * | 610.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | 5,16[1,2]:8,13[1,2]-Dibenzen        | * | 180.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | 7H-Benz[de]anthracen-7-one          | * | 110.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | 9,10-Anthracenedione                | * | 280.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | 9H-Fluoren-9-one                    | * | 120.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | Benz[a]anthracene, 7-methyl-        | * | 110.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | Benzenesulfonamide, N,4-dimethyl-   | * | 930.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | Benzenesulfonic acid, 4-methyl-, 1- | * | 170.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | Benzo[e]pyrene                      | * | 260.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | Benzo[ghi]fluoranthene              | * | 170.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | Chrysene, 1-methyl-                 | * | 100.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | Cyclopenta(def)phenanthrenone       | * | 300.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | di-p-Tolylacetylene                 | * | 250.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | Dibenzothiophene                    | * | 120.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | Methacrylamide                      | * | 140.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | Perylene                            | * | 310.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | Phenanthrene, 1,7-dimethyl-         | * | 160.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | Phenanthrene, 1-methyl-             | * | 900.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | Phenanthrene, 2,5-dimethyl-         | * | 370.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | Phenanthrene, 2-methyl-             | * | 400.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | Phenanthrene, 3,6-dimethyl-         | * | 130.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | Phenanthrene, 4-methyl-             | * | 290.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | Propylene Glycol                    | * | 130.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | Pyrene, 1-methyl-                   | * | 170.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | Pyrene, 4-methyl-                   | * | 130.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | unknown-01                          | * | 120.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | unknown-02                          | * | 110.000 | J  |     |       |
| P2659-19 | BHC40 | Solid | Total Alkanes                       | * | 0.000   | 63 | 220 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

| Sample ID   | Client ID | Matrix | Parameter                  | Concentration | C     | MDL  | RDL  | Units |
|-------------|-----------|--------|----------------------------|---------------|-------|------|------|-------|
|             |           |        | Total Tics :               | 7,520.00      |       |      |      |       |
| P2659-19    | BHC40     | Solid  | 1-Methylnaphthalene        | 54.000        | J     | 54   | 220  | ug/Kg |
| P2659-19    | BHC40     | Solid  | Acenaphthene               | 64.000        | J     | 54   | 220  | ug/Kg |
| P2659-19    | BHC40     | Solid  | Acenaphthylene             | 240.000       |       | 57   | 220  | ug/Kg |
| P2659-19    | BHC40     | Solid  | Acetophenone               | 58.000        | J     | 50   | 430  | ug/Kg |
| P2659-19    | BHC40     | Solid  | Anthracene                 | 290.000       |       | 57   | 220  | ug/Kg |
| P2659-19    | BHC40     | Solid  | Benzo(a)anthracene         | 1,400.000     |       | 51   | 220  | ug/Kg |
| P2659-19    | BHC40     | Solid  | Benzo(a)pyrene             | 840.000       |       | 55   | 220  | ug/Kg |
| P2659-19    | BHC40     | Solid  | Benzo(b)fluoranthene       | 1,800.000     |       | 55   | 220  | ug/Kg |
| P2659-19    | BHC40     | Solid  | Benzo(g,h,i)perylene       | 110.000       | J     | 46   | 220  | ug/Kg |
| P2659-19    | BHC40     | Solid  | Benzo(k)fluoranthene       | 570.000       |       | 59   | 220  | ug/Kg |
| P2659-19    | BHC40     | Solid  | Bis(2-ethylhexyl)phthalate | 620.000       |       | 58   | 220  | ug/Kg |
| P2659-19    | BHC40     | Solid  | Butylbenzylphthalate       | 180.000       | J     | 42   | 220  | ug/Kg |
| P2659-19    | BHC40     | Solid  | Carbazole                  | 130.000       | J     | 59   | 430  | ug/Kg |
| P2659-19    | BHC40     | Solid  | Chrysene                   | 1,600.000     |       | 59   | 220  | ug/Kg |
| P2659-19    | BHC40     | Solid  | Di-n-butylphthalate        | 130.000       | J     | 55   | 220  | ug/Kg |
| P2659-19    | BHC40     | Solid  | Dibenzo(a,h)anthracene     | 300.000       |       | 49   | 220  | ug/Kg |
| P2659-19    | BHC40     | Solid  | Fluoranthene               | 3,200.000     |       | 58   | 220  | ug/Kg |
| P2659-19    | BHC40     | Solid  | Fluorene                   | 110.000       | J     | 59   | 220  | ug/Kg |
| P2659-19    | BHC40     | Solid  | Indeno(1,2,3-cd)pyrene     | 700.000       |       | 49   | 220  | ug/Kg |
| P2659-19    | BHC40     | Solid  | Naphthalene                | 56.000        | J     | 45   | 220  | ug/Kg |
| P2659-19    | BHC40     | Solid  | Phenanthrene               | 1,800.000     |       | 58   | 220  | ug/Kg |
| P2659-19    | BHC40     | Solid  | Pyrene                     | 2,300.000     |       | 58   | 220  | ug/Kg |
|             |           |        | Total Svoc :               | 16,552.00     |       |      |      |       |
|             |           |        | Total Concentration:       | 24,072.00     |       |      |      |       |
|             |           |        |                            |               |       |      |      |       |
| Client ID : | SP6528    |        |                            |               |       |      |      |       |
| SP6528      | SP6528    | Water  | Total Alkanes              | *             | 0.000 | 1700 | 5000 | ug/L  |
|             |           |        | Total Tics :               | 0.00          |       |      |      |       |
|             |           |        | Total Concentration:       | 0.00          |       |      |      |       |



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BM053124 SAS No.: BM053124 SDG No.: BM053124  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 5/31/2024 : \_\_\_\_\_  
Calibration Time(s): 09:07 \_\_\_\_\_

|                            |        |                     |        |                     |        |                     |       |       |
|----------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
| LAB FILE ID:               |        | RRFAL1 = BM045789.D |        | RRFAL2 = BM045790.D |        | RRFAL3 = BM045791.D |       |       |
|                            |        | RRFAL4 = BM045792.D |        | RRFAL5 = BM045793.D |        | RRFAL6 = BM045794.D |       |       |
| COMPOUND                   | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4              | RRFAL5 | RRFAL6              | RRF   | % RSD |
| 1,4-Dioxane                | 0.574  | 0.543               | 0.639  | 0.554               | 0.545  |                     | 0.571 | 7.0   |
| Benzaldehyde               |        | 0.996               | 0.567  | 1.012               | 0.819  | 0.602               | 0.799 | 26.3  |
| Pyridine                   |        | 1.104               | 1.449  | 1.434               | 1.431  | 1.403               | 1.364 | 10.7  |
| Hexachloroethane           | 0.597  | 0.610               | 0.728  | 0.644               | 0.631  |                     | 0.642 | 8.0   |
| Nitrobenzene               | 0.398  | 0.427               | 0.500  | 0.435               | 0.428  |                     | 0.438 | 8.6   |
| Isophorone                 | 0.685  | 0.732               | 0.878  | 0.793               | 0.779  |                     | 0.773 | 9.4   |
| 2-Nitrophenol              | 0.146  | 0.160               | 0.195  | 0.179               | 0.184  |                     | 0.173 | 11.4  |
| 2,4-Dimethylphenol         | 0.327  | 0.320               | 0.404  | 0.354               | 0.350  |                     | 0.351 | 9.4   |
| Bis(2-Chloroethoxy)methane | 0.429  | 0.449               | 0.530  | 0.468               | 0.471  |                     | 0.469 | 8.1   |
| 2,4-Dichlorophenol         | 0.264  | 0.275               | 0.339  | 0.302               | 0.298  |                     | 0.296 | 9.9   |
| Naphthalene                | 1.023  | 1.032               | 1.200  | 1.047               | 1.030  |                     | 1.066 | 7.0   |
| 4-Chloroaniline            |        | 0.389               | 0.445  | 0.414               | 0.391  | 0.368               | 0.401 | 7.3   |
| Hexachlorobutadiene        | 0.195  | 0.192               | 0.226  | 0.199               | 0.201  |                     | 0.203 | 6.7   |
| Phenol                     |        | 1.653               | 2.020  | 1.721               | 1.731  | 1.686               | 1.762 | 8.4   |
| Caprolactam                |        | 0.066               | 0.085  | 0.092               | 0.086  | 0.087               | 0.083 | 12.1  |
| 4-Chloro-3-methylphenol    | 0.276  | 0.302               | 0.362  | 0.338               | 0.326  |                     | 0.321 | 10.3  |
| 1-Methylnaphthalene        | 0.670  | 0.688               | 0.794  | 0.701               | 0.677  |                     | 0.706 | 7.2   |
| 2-Methylnaphthalene        | 0.673  | 0.686               | 0.789  | 0.700               | 0.684  |                     | 0.706 | 6.7   |
| Hexachlorocyclopentadiene  |        | 0.307               | 0.380  | 0.355               | 0.390  | 0.386               | 0.364 | 9.4   |
| 2,4,6-Trichlorophenol      | 0.277  | 0.309               | 0.390  | 0.372               | 0.394  |                     | 0.348 | 15.1  |
| 2,4,5-Trichlorophenol      | 0.312  | 0.346               | 0.419  | 0.400               | 0.415  |                     | 0.378 | 12.5  |
| 1,1-Biphenyl               | 1.400  | 1.428               | 1.663  | 1.455               | 1.474  |                     | 1.484 | 7.0   |
| 2-Chloronaphthalene        | 1.102  | 1.123               | 1.295  | 1.137               | 1.157  |                     | 1.163 | 6.6   |
| 2-Nitroaniline             | 0.319  | 0.358               | 0.443  | 0.434               | 0.431  |                     | 0.397 | 14.0  |
| Bis(2-Chloroethyl)ether    |        | 1.385               | 1.699  | 1.440               | 1.457  | 1.374               | 1.471 | 9.0   |
| Dimethylphthalate          | 1.301  | 1.334               | 1.547  | 1.457               | 1.390  |                     | 1.406 | 7.0   |
| 2,6-Dinitrotoluene         | 0.223  | 0.240               | 0.298  | 0.295               | 0.297  |                     | 0.270 | 13.3  |
| Acenaphthylene             | 1.733  | 1.811               | 2.080  | 1.859               | 1.822  |                     | 1.861 | 7.0   |
| 3-Nitroaniline             |        | 0.217               | 0.221  | 0.285               | 0.262  | 0.255               | 0.248 | 11.6  |
| Acenaphthene               | 1.166  | 1.208               | 1.385  | 1.237               | 1.213  |                     | 1.242 | 6.8   |
| 2,4-Dinitrophenol          |        | 0.098               | 0.090  | 0.119               | 0.139  | 0.171               | 0.123 | 26.5  |
| 4-Nitrophenol              |        | 0.205               | 0.263  | 0.271               | 0.248  | 0.246               | 0.247 | 10.4  |
| Dibenzofuran               | 1.611  | 1.652               | 1.865  | 1.663               | 1.582  |                     | 1.675 | 6.6   |
| 2,4-Dinitrotoluene         | 0.296  | 0.339               | 0.418  | 0.424               | 0.395  |                     | 0.374 | 14.7  |
| Diethylphthalate           | 1.250  | 1.318               | 1.566  | 1.500               | 1.406  |                     | 1.408 | 9.2   |
| 2-Chlorophenol             | 1.219  | 1.284               | 1.534  | 1.331               | 1.318  |                     | 1.337 | 8.8   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BM053124 SAS No.: BM053124 SDG No.: BM053124  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 5/31/2024 : \_\_\_\_\_  
Calibration Time(s): 09:07 \_\_\_\_\_

|                             |        |                     |        |                     |        |                     |       |       |
|-----------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
| LAB FILE ID:                |        | RRFAL1 = BM045789.D |        | RRFAL2 = BM045790.D |        | RRFAL3 = BM045791.D |       |       |
|                             |        | RRFAL4 = BM045792.D |        | RRFAL5 = BM045793.D |        | RRFAL6 = BM045794.D |       |       |
| COMPOUND                    | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4              | RRFAL5 | RRFAL6              | RRF   | % RSD |
| Fluorene                    | 1.288  | 1.312               | 1.512  | 1.371               | 1.264  |                     | 1.349 | 7.4   |
| 4-Chlorophenyl-phenylether  | 0.644  | 0.651               | 0.748  | 0.673               | 0.632  |                     | 0.670 | 6.9   |
| 4-Nitroaniline              |        | 0.194               | 0.168  | 0.253               | 0.212  | 0.205               | 0.206 | 15.0  |
| 4,6-Dinitro-2-methylphenol  |        | 0.086               | 0.117  | 0.116               | 0.119  | 0.122               | 0.112 | 13.0  |
| N-Nitrosodiphenylamine      | 0.534  | 0.554               | 0.643  | 0.551               | 0.551  |                     | 0.567 | 7.6   |
| 1,2,4,5-Tetrachlorobenzene  | 0.559  | 0.575               | 0.672  | 0.585               | 0.605  |                     | 0.599 | 7.4   |
| 4-Bromophenyl-phenylether   | 0.195  | 0.203               | 0.234  | 0.203               | 0.207  |                     | 0.209 | 7.2   |
| Hexachlorobenzene           | 0.216  | 0.224               | 0.261  | 0.225               | 0.228  |                     | 0.231 | 7.5   |
| Atrazine                    |        | 0.173               | 0.178  | 0.186               | 0.167  | 0.155               | 0.172 | 6.9   |
| Pentachlorophenol           |        | 0.081               | 0.111  | 0.123               | 0.131  | 0.139               | 0.117 | 19.5  |
| 2-Methylphenol              |        | 1.160               | 1.446  | 1.281               | 1.305  | 1.259               | 1.290 | 8.0   |
| Phenanthrene                | 0.996  | 1.024               | 1.177  | 1.051               | 1.021  |                     | 1.054 | 6.8   |
| Pentachlorobenzene          | 0.282  | 0.286               | 0.328  | 0.272               | 0.282  |                     | 0.290 | 7.6   |
| Anthracene                  | 1.000  | 1.023               | 1.194  | 1.040               | 1.006  |                     | 1.053 | 7.6   |
| 1,2,3,4-Tetrachlorobenzene  | 0.292  | 0.302               | 0.346  | 0.288               | 0.322  |                     | 0.310 | 7.7   |
| Carbazole                   |        | 0.848               | 1.013  | 0.929               | 0.868  | 0.831               | 0.898 | 8.3   |
| Di-n-butylphthalate         | 0.980  | 1.062               | 1.337  | 1.285               | 1.243  |                     | 1.181 | 12.9  |
| Fluoranthene                | 1.412  | 1.472               | 1.666  | 1.455               | 1.535  |                     | 1.508 | 6.5   |
| Pyrene                      | 1.477  | 1.547               | 1.727  | 1.479               | 1.516  |                     | 1.549 | 6.7   |
| Butylbenzylphthalate        | 0.490  | 0.547               | 0.696  | 0.692               | 0.731  |                     | 0.631 | 16.8  |
| 3,3-Dichlorobenzidine       |        | 0.343               | 0.407  | 0.439               | 0.412  | 0.375               | 0.395 | 9.4   |
| 2,2-oxybis(1-Chloropropane) |        | 2.861               | 3.369  | 2.871               | 2.782  | 2.602               | 2.897 | 9.8   |
| Benzo(a)anthracene          | 1.284  | 1.312               | 1.523  | 1.393               | 1.393  |                     | 1.381 | 6.8   |
| Chrysene                    | 1.204  | 1.234               | 1.411  | 1.270               | 1.269  |                     | 1.278 | 6.2   |
| Bis(2-ethylhexyl)phthalate  | 0.718  | 0.815               | 1.050  | 1.050               | 1.057  |                     | 0.938 | 17.1  |
| Di-n-octyl phthalate        |        | 1.251               | 1.620  | 1.587               | 1.666  | 1.525               | 1.530 | 10.7  |
| Benzo(b)fluoranthene        | 1.121  | 1.175               | 1.363  | 1.227               | 1.259  |                     | 1.229 | 7.4   |
| Benzo(k)fluoranthene        | 1.119  | 1.142               | 1.319  | 1.208               | 1.214  |                     | 1.201 | 6.5   |
| Benzo(a)pyrene              | 0.970  | 0.995               | 1.201  | 1.110               | 1.123  |                     | 1.080 | 8.9   |
| Indeno(1,2,3-cd)pyrene      | 1.063  | 1.075               | 1.291  | 1.216               | 1.252  |                     | 1.179 | 8.8   |
| Dibenzo(a,h)anthracene      | 0.832  | 0.856               | 1.027  | 0.961               | 0.989  |                     | 0.933 | 9.1   |
| Benzo(g,h,i)perylene        | 0.940  | 0.974               | 1.141  | 1.064               | 1.076  |                     | 1.039 | 7.8   |
| Acetophenone                |        | 2.121               | 2.530  | 2.143               | 2.055  | 1.847               | 2.139 | 11.6  |
| 2,3,4,6-Tetrachlorophenol   | 0.214  | 0.254               | 0.323  | 0.321               | 0.316  |                     | 0.286 | 17.3  |
| 1,4-Dioxane-d8              | 0.527  | 0.471               | 0.574  | 0.511               | 0.496  |                     | 0.516 | 7.4   |
| Pyridine-d5                 |        | 1.045               | 1.440  | 1.344               | 1.381  | 1.431               | 1.328 | 12.3  |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BM053124 SAS No.: BM053124 SDG No.: BM053124  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 5/31/2024 : \_\_\_\_\_  
Calibration Time(s): 09:07 \_\_\_\_\_

|                             |        |                     |        |        |                     |        |                     |       |
|-----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:                |        | RRFAL1 = BM045789.D |        |        | RRFAL2 = BM045790.D |        | RRFAL3 = BM045791.D |       |
|                             |        | RRFAL4 = BM045792.D |        |        | RRFAL5 = BM045793.D |        | RRFAL6 = BM045794.D |       |
| COMPOUND                    | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4 | RRFAL5              | RRFAL6 | RRF                 | % RSD |
| Phenol-d5                   |        | 1.567               | 1.907  | 1.667  | 1.688               | 1.666  | 1.699               | 7.4   |
| Bis-(2-Chloroethyl)ether-d8 |        | 1.174               | 1.415  | 1.200  | 1.191               | 1.120  | 1.220               | 9.3   |
| 2-Chlorophenol-d4           | 1.088  | 1.179               | 1.476  | 1.291  | 1.313               |        | 1.269               | 11.6  |
| 4-Methylphenol-d8           |        | 1.164               | 1.450  | 1.275  | 1.291               | 1.239  | 1.284               | 8.2   |
| Nitrobenzene-d5             | 0.142  | 0.147               | 0.172  | 0.159  | 0.162               |        | 0.156               | 7.7   |
| 2-Nitrophenol-d4            | 0.127  | 0.139               | 0.182  | 0.166  | 0.177               |        | 0.158               | 15.3  |
| 2,4-Dichlorophenol-d3       | 0.254  | 0.276               | 0.336  | 0.307  | 0.311               |        | 0.297               | 10.7  |
| 4-Chloroaniline-d4          |        | 0.393               | 0.449  | 0.423  | 0.403               | 0.386  | 0.411               | 6.2   |
| 4-Methylphenol              |        | 1.271               | 1.572  | 1.344  | 1.313               | 1.176  | 1.335               | 11.0  |
| Dimethylphthalate-d6        | 1.269  | 1.304               | 1.531  | 1.427  | 1.391               |        | 1.385               | 7.5   |
| Acenaphthylene-d8           | 1.443  | 1.520               | 1.797  | 1.642  | 1.637               |        | 1.608               | 8.4   |
| 4-Nitrophenol-d4            |        | 0.244               | 0.315  | 0.324  | 0.307               | 0.304  | 0.299               | 10.5  |
| Fluorene-d10                | 1.097  | 1.150               | 1.306  | 1.203  | 1.150               |        | 1.181               | 6.7   |
| 4,6-Dinitro-2-methylphenol- |        | 0.073               | 0.101  | 0.107  | 0.113               | 0.117  | 0.102               | 17.2  |
| Anthracene-d10              | 0.798  | 0.832               | 0.978  | 0.880  | 0.859               |        | 0.869               | 7.8   |
| Pyrene-d10                  | 1.158  | 1.201               | 1.375  | 1.219  | 1.266               |        | 1.244               | 6.6   |
| Benzo(a)pyrene-d12          | 0.797  | 0.866               | 1.049  | 0.975  | 0.988               |        | 0.935               | 10.9  |
| N-Nitroso-di-n-propylamine  | 1.078  | 1.152               | 1.369  | 1.183  | 1.129               |        | 1.182               | 9.4   |

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.: BM061324 SAS No.: BM061324 SDG NO.: BM061324

EPA Sample No.: SSTD020036 Date Analyzed: Jun 12 2024 12:00AM

Lab File ID: BM045791.D Time Analyzed: 19:20

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

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #  |
|----------------|---------------------|-------|---------------------|--------|---------------------|-------|
| 12 HOUR STD    | 224754              | 7.469 | 951354              | 10.23  | 577583              | 14.11 |
| UPPER LIMIT    | 449508              | 7.969 | 1902708             | 10.734 | 1155166             | 14.61 |
| LOWER LIMIT    | 112377              | 6.969 | 475677              | 9.734  | 288791.5            | 13.61 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |       |
| 01 SBLK309     | 123015              | 7.43  | 543148              | 10.20  | 366002              | 14.08 |
| 02 BHC24       | 118084              | 7.43  | 515496              | 10.20  | 340331              | 14.08 |
| 03 BHC25       | 146408              | 7.43  | 626082              | 10.20  | 400366              | 14.08 |
| 04 BHC26       | 162947              | 7.43  | 689487              | 10.20  | 434633              | 14.08 |
| 05 BHC31       | 151115              | 7.43  | 644302              | 10.20  | 400560              | 14.08 |
| 06 BHC32       | 135129              | 7.43  | 579857              | 10.20  | 358014              | 14.08 |
| 07 BHC34       | 142663              | 7.43  | 602411              | 10.20  | 378697              | 14.08 |
| 08 BHC35       | 151572              | 7.43  | 636471              | 10.20  | 397108              | 14.08 |
| 09 BHC39       | 156164              | 7.43  | 644813              | 10.20  | 394302              | 14.08 |
| 10 BHC40       | 198636              | 7.43  | 830215              | 10.20  | 501294              | 14.07 |
| 11 BHC27       | 195344              | 7.43  | 822348              | 10.20  | 515207              | 14.08 |
| 12 SLCS309     | 176673              | 7.43  | 762975              | 10.19  | 479301              | 14.07 |
| 13 SP6528      | 159217              | 7.43  | 679597              | 10.20  | 422359              | 14.08 |

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.: BM061324 SAS No.: BM061324 SDG NO.: BM061324

EPA Sample No.: SSTD020118 Date Analyzed: Jun 12 2024 12:00AM

Lab File ID: BM046002.D Time Analyzed: 19:20

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

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|----------------|---------------------|-------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 104148              | 7.434 | 471648              | 10.20  | 314737              | 14.07  |
| UPPER LIMIT    | 208296              | 7.934 | 943296              | 10.698 | 629474              | 14.574 |
| LOWER LIMIT    | 52074               | 6.934 | 235824              | 9.698  | 157368.5            | 13.574 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK309     | 123015              | 7.43  | 543148              | 10.20  | 366002              | 14.08  |
| 02 BHC24       | 118084              | 7.43  | 515496              | 10.20  | 340331              | 14.08  |
| 03 BHC25       | 146408              | 7.43  | 626082              | 10.20  | 400366              | 14.08  |
| 04 BHC26       | 162947              | 7.43  | 689487              | 10.20  | 434633              | 14.08  |
| 05 BHC31       | 151115              | 7.43  | 644302              | 10.20  | 400560              | 14.08  |
| 06 BHC32       | 135129              | 7.43  | 579857              | 10.20  | 358014              | 14.08  |
| 07 BHC34       | 142663              | 7.43  | 602411              | 10.20  | 378697              | 14.08  |
| 08 BHC35       | 151572              | 7.43  | 636471              | 10.20  | 397108              | 14.08  |
| 09 BHC39       | 156164              | 7.43  | 644813              | 10.20  | 394302              | 14.08  |
| 10 BHC40       | 198636              | 7.43  | 830215              | 10.20  | 501294              | 14.07  |
| 11 BHC27       | 195344              | 7.43  | 822348              | 10.20  | 515207              | 14.08  |
| 12 SLCS309     | 176673              | 7.43  | 762975              | 10.19  | 479301              | 14.07  |
| 13 SP6528      | 159217              | 7.43  | 679597              | 10.20  | 422359              | 14.08  |

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.: BM061324 SAS No.: BM061324 SDG NO.: BM061324

EPA Sample No.: SSTD020036 Date Analyzed: Jun 12 2024 12:00AM

Lab File ID: BM045791.D Time Analyzed: 19:20

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

|    |                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----|----------------|---------------------|--------|---------------------|--------|---------------------|--------|
|    | 12 HOUR STD    | 1.08015e+04         | 16.857 | 828447              | 21.068 | 872879              | 23.791 |
|    | UPPER LIMIT    | 2160300             | 17.357 | 1656894             | 21.568 | 1745758             | 24.291 |
|    | LOWER LIMIT    | 540075              | 16.357 | 414223.5            | 20.568 | 436439.5            | 23.291 |
|    | EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 | SBLK309        | 804606              | 16.83  | 775337              | 21.04  | 822186              | 23.74  |
| 02 | BHC24          | 773922              | 16.82  | 704650              | 21.04  | 689618              | 23.74  |
| 03 | BHC25          | 839994              | 16.82  | 690864              | 21.05  | 660147              | 23.74  |
| 04 | BHC26          | 905311              | 16.82  | 715283              | 21.04  | 688425              | 23.74  |
| 05 | BHC31          | 846132              | 16.82  | 723082              | 21.04  | 696142              | 23.74  |
| 06 | BHC32          | 748518              | 16.82  | 570996              | 21.04  | 553630              | 23.74  |
| 07 | BHC34          | 787088              | 16.82  | 619963              | 21.04  | 613111              | 23.74  |
| 08 | BHC35          | 819337              | 16.83  | 646572              | 21.04  | 636680              | 23.74  |
| 09 | BHC39          | 811707              | 16.83  | 596439              | 21.04  | 603740              | 23.74  |
| 10 | BHC40          | 947800              | 16.82  | 639154              | 21.04  | 743567              | 23.74  |
| 11 | BHC27          | 1.05869             | 16.82  | 793411              | 21.04  | 791758              | 23.74  |
| 12 | SLCS309        | 970384              | 16.83  | 655834              | 21.04  | 705370              | 23.74  |
| 13 | SP6528         | 864839              | 16.83  | 633113              | 21.04  | 652730              | 23.74  |

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

\* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM061324 SAS No.: BM061324 SDG NO.: BM061324

EPA Sample No.: SSTD020118 Date Analyzed: Jun 12 2024 12:00AM

Lab File ID: BM046002.D Time Analyzed: 19:20

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

|    |                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----|----------------|---------------------|--------|---------------------|--------|---------------------|--------|
|    | 12 HOUR STD    | 687689              | 16.827 | 691111              | 21.039 | 706064              | 23.738 |
|    | UPPER LIMIT    | 1375378             | 17.327 | 1382222             | 21.539 | 1412128             | 24.238 |
|    | LOWER LIMIT    | 343844.5            | 16.327 | 345555.5            | 20.539 | 353032              | 23.238 |
|    | EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 | SBLK309        | 804606              | 16.83  | 775337              | 21.04  | 822186              | 23.74  |
| 02 | BHC24          | 773922              | 16.82  | 704650              | 21.04  | 689618              | 23.74  |
| 03 | BHC25          | 839994              | 16.82  | 690864              | 21.05  | 660147              | 23.74  |
| 04 | BHC26          | 905311              | 16.82  | 715283              | 21.04  | 688425              | 23.74  |
| 05 | BHC31          | 846132              | 16.82  | 723082              | 21.04  | 696142              | 23.74  |
| 06 | BHC32          | 748518              | 16.82  | 570996              | 21.04  | 553630              | 23.74  |
| 07 | BHC34          | 787088              | 16.82  | 619963              | 21.04  | 613111              | 23.74  |
| 08 | BHC35          | 819337              | 16.83  | 646572              | 21.04  | 636680              | 23.74  |
| 09 | BHC39          | 811707              | 16.83  | 596439              | 21.04  | 603740              | 23.74  |
| 10 | BHC40          | 947800              | 16.82  | 639154              | 21.04  | 743567              | 23.74  |
| 11 | BHC27          | 1.05869             | 16.82  | 793411              | 21.04  | 791758              | 23.74  |
| 12 | SLCS309        | 970384              | 16.83  | 655834              | 21.04  | 705370              | 23.74  |
| 13 | SP6528         | 864839              | 16.83  | 633113              | 21.04  | 652730              | 23.74  |

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

\* Values outside of QC limits.

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM061324

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                             |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB161309BS    | 1,4-Dioxane                 | 530   | 400    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | Benzaldehyde                | 1300  | 1600   | ug/Kg | 123 |     |      |      | 0   | 0      |  |     |
|               | Pyridine                    | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Phenol                      | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethyl)ether     | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2-Chlorophenol              | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | 2-Methylphenol              | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | 2,2-oxybis(1-Chloropropane) | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | Acetophenone                | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | 4-Methylphenol              | 1300  | 1400   | ug/Kg | 108 |     |      |      | 0   | 0      |  |     |
|               | N-Nitroso-di-n-propylamine  | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | Hexachloroethane            | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Nitrobenzene                | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Isophorone                  | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | 2-Nitrophenol               | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dimethylphenol          | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethoxy)methane  | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dichlorophenol          | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | Naphthalene                 | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloroaniline             | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobutadiene         | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Caprolactam                 | 1300  | 1600   | ug/Kg | 123 |     |      |      | 0   | 0      |  |     |
|               | 4-Chloro-3-methylphenol     | 1300  | 1400   | ug/Kg | 108 |     |      |      | 0   | 0      |  |     |
|               | 1-Methylnaphthalene         | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylnaphthalene         | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorocyclopentadiene   | 1300  | 650    | ug/Kg | 50  |     |      |      | 0   | 0      |  |     |
|               | 2,4,6-Trichlorophenol       | 1300  | 1400   | ug/Kg | 108 |     |      |      | 0   | 0      |  |     |
|               | 2,4,5-Trichlorophenol       | 1300  | 1400   | ug/Kg | 108 |     |      |      | 0   | 0      |  |     |
|               | 1,1'-Biphenyl               | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | 2-Chloronaphthalene         | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitroaniline              | 1300  | 1500   | ug/Kg | 115 |     |      |      | 0   | 0      |  |     |
|               | Dimethylphthalate           | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | 2,6-Dinitrotoluene          | 1300  | 1400   | ug/Kg | 108 |     |      |      | 0   | 0      |  |     |
|               | Acenaphthylene              | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | 3-Nitroaniline              | 1300  | 1600   | ug/Kg | 123 |     |      |      | 0   | 0      |  |     |
|               | Acenaphthene                | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrophenol           | 1300  | 1500   | ug/Kg | 115 |     |      |      | 0   | 0      |  |     |
|               | 4-Nitrophenol               | 1300  | 1600   | ug/Kg | 123 |     |      |      | 0   | 0      |  |     |
|               | Dibenzofuran                | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrotoluene          | 1300  | 1500   | ug/Kg | 115 |     |      |      | 0   | 0      |  |     |
|               | Diethylphthalate            | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | Fluorene                    | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | 4-Chlorophenyl-phenylether  | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitroaniline              | 1300  | 1900   | ug/Kg | 146 |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM061324

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit  | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|----------------------------|-------|--------|-------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |       |     |     |      | Qual | Low    | High |     |
| PB161309BS    | 4,6-Dinitro-2-methylphenol | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0      | 0    |     |
|               | N-Nitrosodiphenylamine     | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0      | 0    |     |
|               | 1,2,4,5-Tetrachlorobenzene | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0      | 0    |     |
|               | 4-Bromophenyl-phenylether  | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0      | 0    |     |
|               | Hexachlorobenzene          | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0      | 0    |     |
|               | Atrazine                   | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0      | 0    |     |
|               | Pentachlorophenol          | 1300  | 1400   | ug/Kg | 108 |     |      |      | 0      | 0    |     |
|               | Phenanthrene               | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0      | 0    |     |
|               | Pentachlorobenzene         | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0      | 0    |     |
|               | Anthracene                 | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0      | 0    |     |
|               | 1,2,3,4-Tetrachlorobenzene | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0      | 0    |     |
|               | Carbazole                  | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0      | 0    |     |
|               | Di-n-butylphthalate        | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0      | 0    |     |
|               | Fluoranthene               | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0      | 0    |     |
|               | Pyrene                     | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0      | 0    |     |
|               | Butylbenzylphthalate       | 1300  | 1500   | ug/Kg | 115 |     |      |      | 0      | 0    |     |
|               | 3,3'-Dichlorobenzidine     | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0      | 0    |     |
|               | Benzo(a)anthracene         | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0      | 0    |     |
|               | Chrysene                   | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0      | 0    |     |
|               | Bis(2-ethylhexyl)phthalate | 1300  | 1400   | ug/Kg | 108 |     |      |      | 0      | 0    |     |
|               | Di-n-octylphthalate        | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0      | 0    |     |
|               | Benzo(b)fluoranthene       | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0      | 0    |     |
|               | Benzo(k)fluoranthene       | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0      | 0    |     |
|               | Benzo(a)pyrene             | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0      | 0    |     |
|               | Indeno(1,2,3-cd)pyrene     | 1300  | 1500   | ug/Kg | 115 |     |      |      | 0      | 0    |     |
|               | Dibenzo(a,h)anthracene     | 1300  | 1500   | ug/Kg | 115 |     |      |      | 0      | 0    |     |
|               | Benzo(g,h,i)perylene       | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0      | 0    |     |
|               | 2,3,4,6-Tetrachlorophenol  | 1300  | 1500   | ug/Kg | 115 |     |      |      | 0      | 0    |     |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP6528

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BM061324

SAS No.: BM061324 SDG NO.: BM061324

Lab File ID: BM046015.D

Lab Sample ID: SP6528

Instrument ID: BNA\_M

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

Matrix: (soil/water) Water

Date Analyzed: 06/13/2024

Level: (low/med) LOW

Time Analyzed: 03:11

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 |
|-------------------|------------------|----------------|------------------|
| SP6528            | SP6528           | BM046015.D     | 06/13/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK309

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BM061324

SAS No.: BM061324 SDG NO.: BM061324

Lab File ID: BM046003.D

Lab Sample ID: PB161309BL

Instrument ID: BNA\_M

Date Extracted: 06/04/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/12/2024

Level: (low/med) LOW

Time Analyzed: 19:20

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 |
|-------------------|------------------|----------------|------------------|
| BHC24             | P2659-01         | BM046004.D     | 06/12/2024       |
| BHC25             | P2659-02         | BM046005.D     | 06/12/2024       |
| BHC26             | P2659-03         | BM046006.D     | 06/12/2024       |
| BHC31             | P2659-10         | BM046007.D     | 06/12/2024       |
| BHC32             | P2659-11         | BM046008.D     | 06/12/2024       |
| BHC34             | P2659-13         | BM046009.D     | 06/12/2024       |
| BHC35             | P2659-14         | BM046010.D     | 06/12/2024       |
| BHC39             | P2659-18         | BM046011.D     | 06/13/2024       |
| BHC40             | P2659-19         | BM046012.D     | 06/13/2024       |
| BHC27             | P2659-06         | BM046013.D     | 06/13/2024       |
| PB161309BS        | PB161309BS       | BM046014.D     | 06/13/2024       |

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



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

## Surrogate Summary

SW-846

SDG No.: BM061324

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| SP6528        | SP6528    | BM046015.D | 1,4-Dioxane-d8                | 8              | 14,050.00       | 175625       | *    | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 87,937.00       | 219843       | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 87,891.00       | 219727       | *    | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 85,581.00       | 213952       | *    | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 91,698.00       | 229245       | *    | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 92,271.00       | 230677       | *    | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 90,054.00       | 225135       | *    | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 98,393.00       | 245982       | *    | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 87,505.00       | 218763       | *    | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 91,878.00       | 229695       | *    | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 86,981.00       | 217452       | *    | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 89,197.00       | 222993       | *    | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 74,556.00       | 186390       | *    | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 87,928.00       | 219820       | *    | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 83,164.00       | 207910       | *    | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 90,117.00       | 225293       | *    | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 90,939.00       | 227348       | *    | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 89,440.00       | 223600       | *    | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: BM061324

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P2659-01      | BHC24     | BM046004.D | 1,4-Dioxane-d8                | 8              | 3.21            | 40           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 5.16            | 13           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 24.11           | 60           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 23.87           | 60           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 24.69           | 62           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 24.77           | 62           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 23.32           | 58           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 23.03           | 58           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 23.70           | 59           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 6.97            | 17           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 24.67           | 62           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 24.94           | 62           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 13.48           | 34           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 26.21           | 66           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 15.25           | 38           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 25.99           | 65           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 23.09           | 58           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 18.61           | 47           |      | 10         | 140  |
| P2659-02      | BHC25     | BM046005.D | 1,4-Dioxane-d8                | 8              | 3.92            | 49           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 7.93            | 20           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 25.07           | 63           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 24.72           | 62           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 26.46           | 66           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 24.45           | 61           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 25.48           | 64           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 26.45           | 66           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 25.56           | 64           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 9.59            | 24           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 26.01           | 65           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 26.11           | 65           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 15.00           | 37           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 26.66           | 67           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 15.63           | 39           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 27.14           | 68           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 24.37           | 61           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 19.31           | 48           |      | 10         | 140  |
| P2659-03      | BHC26     | BM046006.D | 1,4-Dioxane-d8                | 8              | 2.97            | 37           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 6.13            | 15           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 21.73           | 54           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 21.04           | 53           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 22.75           | 57           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 20.47           | 51           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 22.02           | 55           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 23.43           | 59           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 21.84           | 55           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 7.93            | 20           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 22.75           | 57           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 22.69           | 57           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 13.60           | 34           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: **BM061324**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P2659-03      | BHC26     | BM046006.D | Fluorene-d10                  | 40             | 23.15           | 58           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 12.55           | 31           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 23.18           | 58           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 21.51           | 54           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 16.67           | 42           |      | 10         | 140  |
| P2659-06      | BHC27     | BM046013.D | 1,4-Dioxane-d8                | 8              | 3.28            | 41           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 3.43            | 9            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 21.67           | 54           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 21.78           | 54           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 22.98           | 57           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 20.31           | 51           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 23.06           | 58           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 24.47           | 61           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 22.23           | 56           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 9.78            | 24           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 22.96           | 57           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 22.87           | 57           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 13.43           | 34           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 23.27           | 58           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 14.50           | 36           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 22.68           | 57           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 21.73           | 54           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 16.90           | 42           |      | 10         | 140  |
| P2659-10      | BHC31     | BM046007.D | 1,4-Dioxane-d8                | 8              | 3.31            | 41           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 5.17            | 13           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 22.44           | 56           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 23.46           | 59           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 24.63           | 62           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 19.71           | 49           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 23.90           | 60           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 25.29           | 63           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 23.74           | 59           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 10.57           | 26           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 24.91           | 62           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 24.69           | 62           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 15.17           | 38           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 25.38           | 63           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 15.46           | 39           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 24.93           | 62           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 22.03           | 55           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 18.46           | 46           |      | 10         | 140  |
| P2659-11      | BHC32     | BM046008.D | 1,4-Dioxane-d8                | 8              | 4.33            | 54           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 6.23            | 16           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 32.15           | 80           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 32.40           | 81           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 34.97           | 87           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 29.66           | 74           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 34.43           | 86           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 36.12           | 90           |      | 10         | 120  |

## Surrogate Summary

SW-846

SDG No.: BM061324

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P2659-11      | BHC32     | BM046008.D | 2,4-Dichlorophenol-d3         | 40             | 34.00           | 85           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 16.94           | 42           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 35.16           | 88           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 35.30           | 88           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 22.55           | 56           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 35.25           | 88           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 21.26           | 53           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 35.23           | 88           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 32.43           | 81           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 25.08           | 63           |      | 10         | 140  |
| P2659-13      | BHC34     | BM046009.D | 1,4-Dioxane-d8                | 8              | 4.08            | 51           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 6.44            | 16           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 29.38           | 73           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 28.97           | 72           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 31.19           | 78           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 25.74           | 64           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 30.37           | 76           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 32.67           | 82           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 30.20           | 75           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 10.00           | 25           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 30.91           | 77           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 31.15           | 78           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 21.83           | 55           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 31.16           | 78           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 18.51           | 46           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 31.80           | 80           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 29.05           | 73           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 22.97           | 57           |      | 10         | 140  |
| P2659-14      | BHC35     | BM046010.D | 1,4-Dioxane-d8                | 8              | 3.66            | 46           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 9.18            | 23           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 30.20           | 75           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 29.72           | 74           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 32.11           | 80           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 28.14           | 70           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 31.41           | 79           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 33.03           | 83           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 30.85           | 77           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 14.22           | 36           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 30.01           | 75           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 30.39           | 76           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 21.72           | 54           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 30.69           | 77           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 17.81           | 45           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 31.92           | 80           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 29.17           | 73           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 22.86           | 57           |      | 10         | 140  |
| P2659-18      | BHC39     | BM046011.D | 1,4-Dioxane-d8                | 8              | 4.30            | 54           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 6.64            | 17           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 28.29           | 71           |      | 10         | 130  |

## Surrogate Summary

SW-846

SDG No.: BM061324

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P2659-18      | BHC39      | BM046011.D | Bis(2-Chloroethyl)ether-d8    | 40             | 29.02           | 73           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 30.90           | 77           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 25.62           | 64           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 31.02           | 78           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 33.04           | 83           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 30.20           | 75           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 9.09            | 23           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 31.55           | 79           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 31.37           | 78           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 17.69           | 44           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 31.83           | 80           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 19.78           | 49           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 31.37           | 78           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 29.54           | 74           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 21.62           | 54           |      | 10         | 140  |
| P2659-19      | BHC40      | BM046012.D | 1,4-Dioxane-d8                | 8              | 3.43            | 43           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 6.08            | 15           | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 24.23           | 61           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 25.58           | 64           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 26.33           | 66           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 20.06           | 50           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 26.99           | 67           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 29.09           | 73           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 26.38           | 66           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 7.95            | 20           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 29.00           | 72           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 28.22           | 71           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 13.96           | 35           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 28.45           | 71           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 20.76           | 52           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 28.85           | 72           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 25.21           | 63           |      | 10         | 130  |
| PB161309BL    | PB161309BL | BM046003.D | Benzo(a)pyrene-d12            | 40             | 20.00           | 50           |      | 10         | 140  |
|               |            |            | Pyridine-d5                   | 40             | 27.56           | 69           |      | 20         | 120  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 5.09            | 64           |      | 15         | 120  |
|               |            |            | Phenol-d5                     | 40             | 29.46           | 74           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 30.30           | 76           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 30.80           | 77           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 31.67           | 79           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 29.05           | 73           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 29.54           | 74           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 28.74           | 72           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 30.81           | 77           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 30.32           | 76           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 29.88           | 75           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 21.43           | 54           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 31.32           | 78           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 22.82           | 57           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 31.35           | 78           |      | 10         | 150  |



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Fax : 908 789 8922

## Surrogate Summary

SW-846

SDG No.: BM061324

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| PB161309BL    | PB161309BL | BM046003.D | Pyrene-d10                    | 40             | 27.25           | 68           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 30.28           | 76           |      | 10         | 140  |
| PB161309BS    | PB161309BS | BM046014.D | 1,4-Dioxane-d8                | 8              | 5.91            | 74           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 34.12           | 85           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 37.48           | 94           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 35.25           | 88           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 38.66           | 97           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 38.51           | 96           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 37.39           | 93           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 40.53           | 101          |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 39.01           | 98           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 37.23           | 93           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 37.43           | 94           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 36.92           | 92           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 42.60           | 107          |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 36.69           | 92           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 39.41           | 99           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 36.58           | 91           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 38.87           | 97           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 38.27           | 96           |      | 10         | 140  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM061324

Lab Code: CHEM

SAS No.: BM061324

SDG NO.: BM061324

Lab File ID: BM046001.D

DFTPP Injection Date: 06/12/2024

Instrument ID: BNA\_M

DFTPP Injection Time: 17:21

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 75.2                 |
| 68  | Less than 2.0% of mass 69          | 0.9 ( 1.5 ) 1        |
| 69  | Mass 69 relative abundance         | 59.4                 |
| 70  | Less than 2.0% of mass 69          | 0.4 ( 0.7 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 56.2                 |
| 197 | Less than 2.0% of mass 198         | 0.3                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 7                    |
| 275 | 10.0 - 60.0% of mass 198           | 25.4                 |
| 365 | Greater than 1% of mass 198        | 3.9                  |
| 441 | Present, but less than mass 443    | 8.8                  |
| 442 | Greater than 50% of mass 198       | 55.6                 |
| 443 | 15.0 - 24.0% of mass 442           | 10.3 ( 18.5 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTD020118        | SSTDCCC020       | BM046002.D     | 06/12/2024       | 18:40            |
| SBLK309           | PB161309BL       | BM046003.D     | 06/12/2024       | 19:20            |
| BHC24             | P2659-01         | BM046004.D     | 06/12/2024       | 19:59            |
| BHC25             | P2659-02         | BM046005.D     | 06/12/2024       | 20:39            |
| BHC26             | P2659-03         | BM046006.D     | 06/12/2024       | 21:18            |
| BHC31             | P2659-10         | BM046007.D     | 06/12/2024       | 21:57            |
| BHC32             | P2659-11         | BM046008.D     | 06/12/2024       | 22:36            |
| BHC34             | P2659-13         | BM046009.D     | 06/12/2024       | 23:16            |
| BHC35             | P2659-14         | BM046010.D     | 06/12/2024       | 23:55            |
| BHC39             | P2659-18         | BM046011.D     | 06/13/2024       | 00:34            |
| BHC40             | P2659-19         | BM046012.D     | 06/13/2024       | 01:14            |
| BHC27             | P2659-06         | BM046013.D     | 06/13/2024       | 01:53            |
| SLCS309           | PB161309BS       | BM046014.D     | 06/13/2024       | 02:32            |
| SP6528            | SP6528           | BM046015.D     | 06/13/2024       | 03:11            |
| SSTD020119        | SSTDCCC020EC     | BM046016.D     | 06/13/2024       | 04:30            |