

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BF123024 SAS No.: BF123024 SDG No.: BF123024

Instrument ID: BNA\_F Calibration Date/Time: 12/30/2024 : 09:24

Lab File ID: BF141019.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): \_\_\_\_\_

GC Column: DB-UI ID: 0.18 (mm)

| COMPOUND                    | RRF   | RRF040 | MIN RRF | %D      | MAX%D |
|-----------------------------|-------|--------|---------|---------|-------|
| n-Nitrosodimethylamine      | 0.744 | 0.689  |         | -7.392  |       |
| Pyridine                    | 1.468 | 1.443  |         | -1.703  |       |
| 2-Fluorophenol              | 1.327 | 1.243  |         | -6.33   |       |
| Benzaldehyde                | 0.941 | 0.841  |         | -10.627 |       |
| Aniline                     | 1.524 | 1.522  |         | -0.131  |       |
| Phenol-d6                   | 1.709 | 1.608  |         | -5.91   |       |
| Phenol                      | 1.767 | 1.730  |         | -2.094  | 20.0  |
| bis(2-Chloroethyl) ether    | 1.427 | 1.319  |         | -7.568  |       |
| 2-Chlorophenol              | 1.399 | 1.335  |         | -4.575  |       |
| 1,2-Dichlorobenzene         | 1.451 | 1.400  |         | -3.515  |       |
| 1,3-Dichlorobenzene         | 1.544 | 1.509  |         | -2.267  |       |
| 1,4-Dichlorobenzene         | 1.556 | 1.506  |         | -3.213  | 20.0  |
| Benzyl Alcohol              | 1.228 | 1.160  |         | -5.537  |       |
| 2-Methylphenol              | 1.162 | 1.098  |         | -5.508  |       |
| 2,2-oxybis(1-Chloropropane) | 2.158 | 2.025  |         | -6.163  |       |
| Acetophenone                | 0.491 | 0.460  |         | -6.314  |       |
| 3+4-Methylphenols           | 1.471 | 1.388  |         | -5.642  |       |
| n-Nitroso-di-n-propylamine  | 1.047 | 0.966  | 0.050   | -7.736  |       |
| Nitrobenzene-d5             | 0.313 | 0.317  |         | 1.278   |       |
| Hexachloroethane            | 0.553 | 0.532  |         | -3.797  |       |
| Nitrobenzene                | 0.349 | 0.348  |         | -0.287  |       |
| Isophorone                  | 0.680 | 0.648  |         | -4.706  |       |
| 2-Nitrophenol               | 0.118 | 0.126  |         | 6.78    | 20.0  |
| 2,4-Dimethylphenol          | 0.249 | 0.233  |         | -6.426  |       |
| bis(2-Chloroethoxy) methane | 0.431 | 0.412  |         | -4.408  |       |
| 2,4-Dichlorophenol          | 0.282 | 0.276  |         | -2.128  | 20.0  |
| 1,2,4-Trichlorobenzene      | 0.319 | 0.315  |         | -1.254  |       |
| Benzoic acid                | 0.178 | 0.182  |         | 2.247   |       |
| Naphthalene                 | 1.054 | 1.011  |         | -4.08   |       |
| 4-Chloroaniline             | 0.381 | 0.362  |         | -4.987  |       |
| Hexachlorobutadiene         | 0.188 | 0.187  |         | -0.532  | 20.0  |
| Caprolactam                 | 0.096 | 0.089  |         | -7.292  |       |
| 4-Chloro-3-methylphenol     | 0.313 | 0.300  |         | -4.153  | 20.0  |
| 2-Methylnaphthalene         | 0.674 | 0.646  |         | -4.154  |       |
| Hexachlorocyclopentadiene   | 0.182 | 0.178  | 0.050   | -2.198  |       |
| 2,4,6-Trichlorophenol       | 0.366 | 0.359  |         | -1.913  | 20.0  |
| 2-Fluorobiphenyl            | 1.255 | 1.202  |         | -4.223  |       |
| 2,4,5-Trichlorophenol       | 0.375 | 0.385  |         | 2.667   |       |
| 1,1-Biphenyl                | 1.531 | 1.510  |         | -1.372  |       |

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

Lab Code: CHEM Case No.: BF123024 SAS No.: BF123024 SDG No.: BF123024

Instrument ID: BNA\_F Calibration Date/Time: 12/30/2024 : 09:24

Lab File ID: BF141019.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): \_\_\_\_\_

GC Column: DB-UI ID: 0.18 (mm)

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D      | MAX%D |
|----------------------------|-------|--------|------------|---------|-------|
| 2-Chloronaphthalene        | 1.188 | 1.165  |            | -1.936  |       |
| 2-Nitroaniline             | 0.259 | 0.284  |            | 9.653   |       |
| Dimethylphthalate          | 1.316 | 1.277  |            | -2.964  |       |
| Acenaphthylene             | 1.710 | 1.634  |            | -4.444  |       |
| 2,6-Dinitrotoluene         | 0.231 | 0.248  |            | 7.359   |       |
| 3-Nitroaniline             | 0.255 | 0.268  |            | 5.098   |       |
| Acenaphthene               | 1.156 | 1.121  |            | -3.028  | 20.0  |
| 2,4-Dinitrophenol          | 0.075 | 0.076  | 0.050      | 1.333   |       |
| 4-Nitrophenol              | 0.225 | 0.207  | 0.050      | -8.0    |       |
| Dibenzofuran               | 1.624 | 1.574  |            | -3.079  |       |
| 2,4-Dinitrotoluene         | 0.273 | 0.301  |            | 10.256  |       |
| Diethylphthalate           | 1.299 | 1.254  |            | -3.464  |       |
| 4-Chlorophenyl-phenylether | 0.606 | 0.596  |            | -1.65   |       |
| Fluorene                   | 1.260 | 1.199  |            | -4.841  |       |
| 4-Nitroaniline             | 0.255 | 0.264  |            | 3.529   |       |
| 4,6-Dinitro-2-methylphenol | 0.067 | 0.069  |            | 2.985   |       |
| n-Nitrosodiphenylamine     | 0.630 | 0.620  |            | -1.587  | 20.0  |
| Azobenzene                 | 1.363 | 1.290  |            | -5.356  |       |
| 2,4,6-Tribromophenol       | 0.194 | 0.197  |            | 1.546   |       |
| 4-Bromophenyl-phenylether  | 0.216 | 0.224  |            | 3.704   |       |
| Hexachlorobenzene          | 0.238 | 0.240  |            | 0.84    |       |
| Atrazine                   | 0.176 | 0.149  |            | -15.341 |       |
| Pentachlorophenol          | 0.148 | 0.145  |            | -2.027  | 20.0  |
| Phenanthrene               | 1.053 | 1.010  |            | -4.084  |       |
| Anthracene                 | 1.031 | 0.986  |            | -4.365  |       |
| Carbazole                  | 0.992 | 0.906  |            | -8.669  |       |
| Di-n-butylphthalate        | 1.128 | 1.046  |            | -7.27   |       |
| Fluoranthene               | 1.142 | 0.978  |            | -14.361 | 20.0  |
| Benzidine                  | 0.423 | 0.399  |            | -5.674  |       |
| Pyrene                     | 1.749 | 1.913  |            | 9.377   |       |
| Terphenyl-d14              | 1.204 | 1.311  |            | 8.887   |       |
| Butylbenzylphthalate       | 0.639 | 0.634  |            | -0.782  |       |
| 3,3-Dichlorobenzidine      | 0.419 | 0.419  |            | 0.0     |       |
| Benzo(a)anthracene         | 1.394 | 1.286  |            | -7.747  |       |
| Chrysene                   | 1.257 | 1.267  |            | 0.796   |       |
| Bis(2-ethylhexyl)phthalate | 0.828 | 0.770  |            | -7.005  |       |
| Di-n-octyl phthalate       | 1.199 | 1.236  |            | 3.086   | 20.0  |
| Benzo(b)fluoranthene       | 1.395 | 1.140  |            | -18.28  |       |
| Benzo(k)fluoranthene       | 1.093 | 1.098  |            | 0.457   |       |

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BF123024 SAS No.: BF123024 SDG No.: BF123024

Instrument ID: BNA\_F Calibration Date/Time: 12/30/2024 : 09:24

Lab File ID: BF141019.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): \_\_\_\_\_

GC Column: DB-UI ID: 0.18 (mm)

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D     | MAX%D |
|----------------------------|-------|--------|------------|--------|-------|
| Benzo(a)pyrene             | 1.083 | 1.032  |            | -4.709 | 20.0  |
| Indeno(1,2,3-cd)pyrene     | 1.260 | 1.474  |            | 16.984 |       |
| Dibenzo(a,h)anthracene     | 1.021 | 1.207  |            | 18.217 |       |
| Benzo(g,h,i)perylene       | 1.059 | 1.263  |            | 19.263 |       |
| 1,2,4,5-Tetrachlorobenzene | 0.550 | 0.554  |            | 0.727  |       |
| 1,4-Dioxane                | 0.601 | 0.564  |            | -6.156 | 20.0  |
| 2,3,4,6-Tetrachlorophenol  | 0.310 | 0.314  |            | 1.29   |       |
| 1-Methylnaphthalene        | 0.663 | 0.637  |            | -3.922 |       |

All other compounds must meet a minimum RRF of 0.010.

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## SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BF123024 SAS No.: BF123024 SDG No.: BF123024  
Instrument ID: BNA\_F Calibration Date/Time: 12/30/2024 : 14:01  
Lab File ID: BF141029.D Init. Calib. Date(s): \_\_\_\_\_  
EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): \_\_\_\_\_  
GC Column: DB-UI ID: 0.18 (mm)

| COMPOUND                    | RRF   | RRF040 | MIN RRF | %D     | MAX%D |
|-----------------------------|-------|--------|---------|--------|-------|
| n-Nitrosodimethylamine      | 0.744 | 0.708  |         | -4.839 | 50.0  |
| Pyridine                    | 1.468 | 1.491  |         | 1.567  | 50.0  |
| 2-Fluorophenol              | 1.327 | 1.280  |         | -3.542 | 50.0  |
| Benzaldehyde                | 0.941 | 0.960  |         | 2.019  | 50.0  |
| Aniline                     | 1.524 | 1.554  |         | 1.969  | 50.0  |
| Phenol-d6                   | 1.709 | 1.635  |         | -4.33  | 50.0  |
| Phenol                      | 1.767 | 1.786  |         | 1.075  | 50.0  |
| bis(2-Chloroethyl) ether    | 1.427 | 1.351  |         | -5.326 | 50.0  |
| 2-Chlorophenol              | 1.399 | 1.382  |         | -1.215 | 50.0  |
| 1,2-Dichlorobenzene         | 1.451 | 1.413  |         | -2.619 | 50.0  |
| 1,3-Dichlorobenzene         | 1.544 | 1.518  |         | -1.684 | 50.0  |
| 1,4-Dichlorobenzene         | 1.556 | 1.516  |         | -2.571 | 50.0  |
| Benzyl Alcohol              | 1.228 | 1.185  |         | -3.502 | 50.0  |
| 2-Methylphenol              | 1.162 | 1.125  |         | -3.184 | 50.0  |
| 2,2-oxybis(1-Chloropropane) | 2.158 | 2.016  |         | -6.58  | 50.0  |
| Acetophenone                | 0.491 | 0.454  |         | -7.536 | 50.0  |
| 3+4-Methylphenols           | 1.471 | 1.421  |         | -3.399 | 50.0  |
| n-Nitroso-di-n-propylamine  | 1.047 | 0.981  | 0.050   | -6.304 | 50.0  |
| Nitrobenzene-d5             | 0.313 | 0.362  |         | 15.655 | 50.0  |
| Hexachloroethane            | 0.553 | 0.558  |         | 0.904  | 50.0  |
| Nitrobenzene                | 0.349 | 0.382  |         | 9.456  | 50.0  |
| Isophorone                  | 0.680 | 0.649  |         | -4.559 | 50.0  |
| 2-Nitrophenol               | 0.118 | 0.174  |         | 47.458 | 50.0  |
| 2,4-Dimethylphenol          | 0.249 | 0.243  |         | -2.41  | 50.0  |
| bis(2-Chloroethoxy) methane | 0.431 | 0.412  |         | -4.408 | 50.0  |
| 2,4-Dichlorophenol          | 0.282 | 0.283  |         | 0.355  | 50.0  |
| 1,2,4-Trichlorobenzene      | 0.319 | 0.312  |         | -2.194 | 50.0  |
| Benzoic acid                | 0.178 | 0.246  |         | 38.202 | 50.0  |
| Naphthalene                 | 1.054 | 1.001  |         | -5.028 | 50.0  |
| 4-Chloroaniline             | 0.381 | 0.365  |         | -4.199 | 50.0  |
| Hexachlorobutadiene         | 0.188 | 0.187  |         | -0.532 | 50.0  |
| Caprolactam                 | 0.096 | 0.096  |         | 0.0    | 50.0  |
| 4-Chloro-3-methylphenol     | 0.313 | 0.305  |         | -2.556 | 50.0  |
| 2-Methylnaphthalene         | 0.674 | 0.642  |         | -4.748 | 50.0  |
| Hexachlorocyclopentadiene   | 0.182 | 0.199  | 0.050   | 9.341  | 50.0  |
| 2,4,6-Trichlorophenol       | 0.366 | 0.376  |         | 2.732  | 50.0  |
| 2-Fluorobiphenyl            | 1.255 | 1.177  |         | -6.215 | 50.0  |
| 2,4,5-Trichlorophenol       | 0.375 | 0.407  |         | 8.533  | 50.0  |
| 1,1-Biphenyl                | 1.531 | 1.482  |         | -3.201 | 50.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BF123024 SAS No.: BF123024 SDG No.: BF123024

Instrument ID: BNA\_F Calibration Date/Time: 12/30/2024 : 14:01

Lab File ID: BF141029.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): \_\_\_\_\_

GC Column: DB-UI ID: 0.18 (mm)

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D      | MAX%D |
|----------------------------|-------|--------|------------|---------|-------|
| 2-Chloronaphthalene        | 1.188 | 1.164  |            | -2.02   | 50.0  |
| 2-Nitroaniline             | 0.259 | 0.357  |            | 37.838  | 50.0  |
| Dimethylphthalate          | 1.316 | 1.302  |            | -1.064  | 50.0  |
| Acenaphthylene             | 1.710 | 1.669  |            | -2.398  | 50.0  |
| 2,6-Dinitrotoluene         | 0.231 | 0.308  |            | 33.333  | 50.0  |
| 3-Nitroaniline             | 0.255 | 0.324  |            | 27.059  | 50.0  |
| Acenaphthene               | 1.156 | 1.149  |            | -0.606  | 50.0  |
| 2,4-Dinitrophenol          | 0.075 | 0.131  | 0.050      | 74.667  | 50.0  |
| 4-Nitrophenol              | 0.225 | 0.267  | 0.050      | 18.667  | 50.0  |
| Dibenzofuran               | 1.624 | 1.586  |            | -2.34   | 50.0  |
| 2,4-Dinitrotoluene         | 0.273 | 0.401  |            | 46.886  | 50.0  |
| Diethylphthalate           | 1.299 | 1.284  |            | -1.155  | 50.0  |
| 4-Chlorophenyl-phenylether | 0.606 | 0.600  |            | -0.99   | 50.0  |
| Fluorene                   | 1.260 | 1.207  |            | -4.206  | 50.0  |
| 4-Nitroaniline             | 0.255 | 0.325  |            | 27.451  | 50.0  |
| 4,6-Dinitro-2-methylphenol | 0.067 | 0.111  |            | 65.672  | 50.0  |
| n-Nitrosodiphenylamine     | 0.630 | 0.622  |            | -1.27   | 50.0  |
| Azobenzene                 | 1.363 | 1.303  |            | -4.402  | 50.0  |
| 2,4,6-Tribromophenol       | 0.194 | 0.217  |            | 11.856  | 50.0  |
| 4-Bromophenyl-phenylether  | 0.216 | 0.224  |            | 3.704   | 50.0  |
| Hexachlorobenzene          | 0.238 | 0.243  |            | 2.101   | 50.0  |
| Atrazine                   | 0.176 | 0.155  |            | -11.932 | 50.0  |
| Pentachlorophenol          | 0.148 | 0.167  |            | 12.838  | 50.0  |
| Phenanthrene               | 1.053 | 1.024  |            | -2.754  | 50.0  |
| Anthracene                 | 1.031 | 0.997  |            | -3.298  | 50.0  |
| Carbazole                  | 0.992 | 0.940  |            | -5.242  | 50.0  |
| Di-n-butylphthalate        | 1.128 | 1.097  |            | -2.748  | 50.0  |
| Fluoranthene               | 1.142 | 1.059  |            | -7.268  | 50.0  |
| Benzidine                  | 0.423 | 0.533  |            | 26.005  | 50.0  |
| Pyrene                     | 1.749 | 1.838  |            | 5.089   | 50.0  |
| Terphenyl-d14              | 1.204 | 1.250  |            | 3.821   | 50.0  |
| Butylbenzylphthalate       | 0.639 | 0.678  |            | 6.103   | 50.0  |
| 3,3-Dichlorobenzidine      | 0.419 | 0.440  |            | 5.012   | 50.0  |
| Benzo(a)anthracene         | 1.394 | 1.302  |            | -6.6    | 50.0  |
| Chrysene                   | 1.257 | 1.250  |            | -0.557  | 50.0  |
| Bis(2-ethylhexyl)phthalate | 0.828 | 0.817  |            | -1.329  | 50.0  |
| Di-n-octyl phthalate       | 1.199 | 1.258  |            | 4.921   | 50.0  |
| Benzo(b)fluoranthene       | 1.395 | 1.179  |            | -15.484 | 50.0  |
| Benzo(k)fluoranthene       | 1.093 | 0.970  |            | -11.253 | 50.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BF123024 SAS No.: BF123024 SDG No.: BF123024

Instrument ID: BNA\_F Calibration Date/Time: 12/30/2024 : 14:01

Lab File ID: BF141029.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): \_\_\_\_\_

GC Column: DB-UI ID: 0.18 (mm)

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D     | MAX%D |
|----------------------------|-------|--------|------------|--------|-------|
| Benzo(a)pyrene             | 1.083 | 1.038  |            | -4.155 | 50.0  |
| Indeno(1,2,3-cd)pyrene     | 1.260 | 1.396  |            | 10.794 | 50.0  |
| Dibenzo(a,h)anthracene     | 1.021 | 1.131  |            | 10.774 | 50.0  |
| Benzo(g,h,i)perylene       | 1.059 | 1.173  |            | 10.765 | 50.0  |
| 1,2,4,5-Tetrachlorobenzene | 0.550 | 0.548  |            | -0.364 | 50.0  |
| 1,4-Dioxane                | 0.601 | 0.583  |            | -2.995 | 50.0  |
| 2,3,4,6-Tetrachlorophenol  | 0.310 | 0.333  |            | 7.419  | 50.0  |
| 1-Methylnaphthalene        | 0.663 | 0.633  |            | -4.525 | 50.0  |

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.: BF123024 SAS No.: BF123024 SDG No.: BF123024

Instrument ID: BNA\_F Calibration Date/Time: 12/30/2024 : 15:20

Lab File ID: BF141031.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): \_\_\_\_\_

GC Column: DB-UI ID: 0.18 (mm)

| COMPOUND                    | RRF   | RRF040 | MIN<br>RRF | %D     | MAX%D |
|-----------------------------|-------|--------|------------|--------|-------|
| n-Nitrosodimethylamine      | 0.744 | 0.699  |            | -6.048 |       |
| Pyridine                    | 1.468 | 1.463  |            | -0.341 |       |
| 2-Fluorophenol              | 1.327 | 1.261  |            | -4.974 |       |
| Benzaldehyde                | 0.941 | 0.947  |            | 0.638  |       |
| Aniline                     | 1.524 | 1.537  |            | 0.853  |       |
| Phenol-d6                   | 1.709 | 1.621  |            | -5.149 |       |
| Phenol                      | 1.767 | 1.768  |            | 0.057  | 20.0  |
| bis(2-Chloroethyl) ether    | 1.427 | 1.314  |            | -7.919 |       |
| 2-Chlorophenol              | 1.399 | 1.361  |            | -2.716 |       |
| 1,2-Dichlorobenzene         | 1.451 | 1.400  |            | -3.515 |       |
| 1,3-Dichlorobenzene         | 1.544 | 1.496  |            | -3.109 |       |
| 1,4-Dichlorobenzene         | 1.556 | 1.493  |            | -4.049 | 20.0  |
| Benzyl Alcohol              | 1.228 | 1.171  |            | -4.642 |       |
| 2-Methylphenol              | 1.162 | 1.109  |            | -4.561 |       |
| 2,2-oxybis(1-Chloropropane) | 2.158 | 2.014  |            | -6.673 |       |
| Acetophenone                | 0.491 | 0.461  |            | -6.11  |       |
| 3+4-Methylphenols           | 1.471 | 1.388  |            | -5.642 |       |
| n-Nitroso-di-n-propylamine  | 1.047 | 0.965  | 0.050      | -7.832 |       |
| Nitrobenzene-d5             | 0.313 | 0.363  |            | 15.974 |       |
| Hexachloroethane            | 0.553 | 0.554  |            | 0.181  |       |
| Nitrobenzene                | 0.349 | 0.384  |            | 10.029 |       |
| Isophorone                  | 0.680 | 0.646  |            | -5.0   |       |
| 2-Nitrophenol               | 0.118 | 0.173  |            | 46.61  | 20.0  |
| 2,4-Dimethylphenol          | 0.249 | 0.242  |            | -2.811 |       |
| bis(2-Chloroethoxy) methane | 0.431 | 0.409  |            | -5.104 |       |
| 2,4-Dichlorophenol          | 0.282 | 0.282  |            | 0.0    | 20.0  |
| 1,2,4-Trichlorobenzene      | 0.319 | 0.316  |            | -0.94  |       |
| Benzoic acid                | 0.178 | 0.240  |            | 34.831 |       |
| Naphthalene                 | 1.054 | 1.010  |            | -4.175 |       |
| 4-Chloroaniline             | 0.381 | 0.370  |            | -2.887 |       |
| Hexachlorobutadiene         | 0.188 | 0.187  |            | -0.532 | 20.0  |
| Caprolactam                 | 0.096 | 0.096  |            | 0.0    |       |
| 4-Chloro-3-methylphenol     | 0.313 | 0.304  |            | -2.875 | 20.0  |
| 2-Methylnaphthalene         | 0.674 | 0.647  |            | -4.006 |       |
| Hexachlorocyclopentadiene   | 0.182 | 0.193  | 0.050      | 6.044  |       |
| 2,4,6-Trichlorophenol       | 0.366 | 0.375  |            | 2.459  | 20.0  |
| 2-Fluorobiphenyl            | 1.255 | 1.188  |            | -5.339 |       |
| 2,4,5-Trichlorophenol       | 0.375 | 0.401  |            | 6.933  |       |
| 1,1-Biphenyl                | 1.531 | 1.468  |            | -4.115 |       |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BF123024 SAS No.: BF123024 SDG No.: BF123024

Instrument ID: BNA\_F Calibration Date/Time: 12/30/2024 : 15:20

Lab File ID: BF141031.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): \_\_\_\_\_

GC Column: DB-UI ID: 0.18 (mm)

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D      | MAX%D |
|----------------------------|-------|--------|------------|---------|-------|
| 2-Chloronaphthalene        | 1.188 | 1.154  |            | -2.862  |       |
| 2-Nitroaniline             | 0.259 | 0.356  |            | 37.452  |       |
| Dimethylphthalate          | 1.316 | 1.285  |            | -2.356  |       |
| Acenaphthylene             | 1.710 | 1.654  |            | -3.275  |       |
| 2,6-Dinitrotoluene         | 0.231 | 0.303  |            | 31.169  |       |
| 3-Nitroaniline             | 0.255 | 0.321  |            | 25.882  |       |
| Acenaphthene               | 1.156 | 1.151  |            | -0.433  | 20.0  |
| 2,4-Dinitrophenol          | 0.075 | 0.127  | 0.050      | 69.333  |       |
| 4-Nitrophenol              | 0.225 | 0.258  | 0.050      | 14.667  |       |
| Dibenzofuran               | 1.624 | 1.570  |            | -3.325  |       |
| 2,4-Dinitrotoluene         | 0.273 | 0.394  |            | 44.322  |       |
| Diethylphthalate           | 1.299 | 1.260  |            | -3.002  |       |
| 4-Chlorophenyl-phenylether | 0.606 | 0.593  |            | -2.145  |       |
| Fluorene                   | 1.260 | 1.202  |            | -4.603  |       |
| 4-Nitroaniline             | 0.255 | 0.313  |            | 22.745  |       |
| 4,6-Dinitro-2-methylphenol | 0.067 | 0.109  |            | 62.687  |       |
| n-Nitrosodiphenylamine     | 0.630 | 0.616  |            | -2.222  | 20.0  |
| Azobenzene                 | 1.363 | 1.284  |            | -5.796  |       |
| 2,4,6-Tribromophenol       | 0.194 | 0.216  |            | 11.34   |       |
| 4-Bromophenyl-phenylether  | 0.216 | 0.226  |            | 4.63    |       |
| Hexachlorobenzene          | 0.238 | 0.243  |            | 2.101   |       |
| Atrazine                   | 0.176 | 0.153  |            | -13.068 |       |
| Pentachlorophenol          | 0.148 | 0.168  |            | 13.514  | 20.0  |
| Phenanthrene               | 1.053 | 1.021  |            | -3.039  |       |
| Anthracene                 | 1.031 | 0.993  |            | -3.686  |       |
| Carbazole                  | 0.992 | 0.922  |            | -7.056  |       |
| Di-n-butylphthalate        | 1.128 | 1.094  |            | -3.014  |       |
| Fluoranthene               | 1.142 | 1.030  |            | -9.807  | 20.0  |
| Benzidine                  | 0.423 | 0.533  |            | 26.005  |       |
| Pyrene                     | 1.749 | 1.874  |            | 7.147   |       |
| Terphenyl-d14              | 1.204 | 1.285  |            | 6.728   |       |
| Butylbenzylphthalate       | 0.639 | 0.667  |            | 4.382   |       |
| 3,3-Dichlorobenzidine      | 0.419 | 0.434  |            | 3.58    |       |
| Benzo(a)anthracene         | 1.394 | 1.294  |            | -7.174  |       |
| Chrysene                   | 1.257 | 1.255  |            | -0.159  |       |
| Bis(2-ethylhexyl)phthalate | 0.828 | 0.808  |            | -2.415  |       |
| Di-n-octyl phthalate       | 1.199 | 1.223  |            | 2.002   | 20.0  |
| Benzo(b)fluoranthene       | 1.395 | 1.231  |            | -11.756 |       |
| Benzo(k)fluoranthene       | 1.093 | 1.076  |            | -1.555  |       |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BF123024 SAS No.: BF123024 SDG No.: BF123024

Instrument ID: BNA\_F Calibration Date/Time: 12/30/2024 : 15:20

Lab File ID: BF141031.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): \_\_\_\_\_

GC Column: DB-UI ID: 0.18 (mm)

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D     | MAX%D |
|----------------------------|-------|--------|------------|--------|-------|
| Benzo(a)pyrene             | 1.083 | 1.048  |            | -3.232 | 20.0  |
| Indeno(1,2,3-cd)pyrene     | 1.260 | 1.452  |            | 15.238 |       |
| Dibenzo(a,h)anthracene     | 1.021 | 1.184  |            | 15.965 |       |
| Benzo(g,h,i)perylene       | 1.059 | 1.237  |            | 16.808 |       |
| 1,2,4,5-Tetrachlorobenzene | 0.550 | 0.544  |            | -1.091 |       |
| 1,4-Dioxane                | 0.601 | 0.573  |            | -4.659 | 20.0  |
| 2,3,4,6-Tetrachlorophenol  | 0.310 | 0.332  |            | 7.097  |       |
| 1-Methylnaphthalene        | 0.663 | 0.635  |            | -4.223 |       |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165894BL | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165894BL | Matrix:         | water                  |
| Analytical Method: | 8270E      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000       | Units:          | mL                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL                |
| Extraction Type :  |            | Test:           |                        |
|                    | Decanted : | Level :         | LOW                    |
| Injection Volume : |            | GPC Factor :    |                        |
|                    |            | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141020.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 1     | U         | 1    | 8   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.6   | U         | 1.6  | 4   | 5          | ug/L  |
| 100-52-7       | Benzaldehyde                | 4     | U         | 4    | 8   | 10         | ug/L  |
| 62-53-3        | Aniline                     | 1.6   | U         | 1.6  | 4   | 5          | ug/L  |
| 108-95-2       | Phenol                      | 0.93  | U         | 0.93 | 4   | 5          | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1.2   | U         | 1.2  | 4   | 5          | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 0.71  | U         | 0.71 | 4   | 5          | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 0.88  | U         | 0.88 | 4   | 5          | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 0.8   | U         | 0.8  | 4   | 5          | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 0.84  | U         | 0.84 | 4   | 5          | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 1.6   | U         | 1.6  | 8   | 10         | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 4   | 5          | ug/L  |
| 98-86-2        | Acetophenone                | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 1.2   | U         | 1.2  | 8   | 10         | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 2.5        | ug/L  |
| 67-72-1        | Hexachloroethane            | 1     | U         | 1    | 4   | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.3   | U         | 1.3  | 4   | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 2     | U         | 2    | 4   | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.5   | U         | 1.5  | 4   | 5          | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1     | U         | 1    | 4   | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.88  | U         | 0.88 | 4   | 5          | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 65-85-0        | Benzoic acid                | 5.5   | U         | 5.5  | 8   | 10         | ug/L  |
| 91-20-3        | Naphthalene                 | 1     | U         | 1    | 4   | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.3   | U         | 1.3  | 4   | 5          | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.3   | U         | 1.3  | 4   | 5          | ug/L  |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165894BL | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165894BL | Matrix:         | water                  |
| Analytical Method: | 8270E      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000       | Units:          | mL                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL                |
| Extraction Type :  |            | Test:           |                        |
|                    | Decanted : | Level :         | LOW                    |
| Injection Volume : |            | GPC Factor :    |                        |
|                    |            | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141020.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 1.7   | U         | 1.7   | 8   | 10         | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 0.84  | U         | 0.84  | 4   | 5          | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 1.1   | U         | 1.1   | 4   | 5          | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 5     | U         | 5     | 8   | 10         | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 0.89  | U         | 0.89  | 4   | 5          | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 1     | U         | 1     | 4   | 5          | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 0.91  | U         | 0.91  | 4   | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 0.97  | U         | 0.97  | 4   | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 1.4   | U         | 1.4   | 4   | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 0.93  | U         | 0.93  | 4   | 5          | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 1     | U         | 1     | 4   | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 1.2   | U         | 1.2   | 4   | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 1.4   | U         | 1.4   | 4   | 5          | ug/L  |
| 83-32-9    | Acenaphthene                                    | 0.81  | U         | 0.81  | 4   | 5          | ug/L  |
| Total PAH  | Total PAH                                       | 17.36 | U         | 17.36 | 4   | 80         | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 6.4   | U         | 6.4   | 8   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 2     | U         | 2     | 8   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 0.93  | U         | 0.93  | 4   | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 1.5   | U         | 1.5   | 4   | 5          | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 2.7   | U         | 2.7   | 4   | 10         | ug/L  |
| 84-66-2    | Diethylphthalate                                | 1     | U         | 1     | 4   | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 0.98  | U         | 0.98  | 4   | 5          | ug/L  |
| 86-73-7    | Fluorene                                        | 0.96  | U         | 0.96  | 4   | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 2     | U         | 2     | 4   | 5          | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 3.1   | U         | 3.1   | 8   | 10         | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 0.89  | U         | 0.89  | 4   | 5          | ug/L  |
| 103-33-3   | Azobenzene                                      | 1.2   | U         | 1.2   | 4   | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 0.95  | U         | 0.95  | 4   | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 1.1   | U         | 1.1   | 4   | 5          | ug/L  |
| 1912-24-9  | Atrazine                                        | 1.3   | U         | 1.3   | 4   | 5          | ug/L  |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165894BL | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165894BL | Matrix:         | water                  |
| Analytical Method: | 8270E      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000       | Units:          | mL                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000                   |
|                    |            |                 | uL                     |
| Extraction Type :  |            | Test:           |                        |
|                    | Decanted : | Level :         | LOW                    |
| Injection Volume : |            | GPC Factor :    |                        |
|                    |            | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141020.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 1.9     | U         | 1.9    | 8   | 10         | ug/L      |
| 85-01-8           | Phenanthrene               | 0.89    | U         | 0.89   | 4   | 5          | ug/L      |
| 120-12-7          | Anthracene                 | 1.1     | U         | 1.1    | 4   | 5          | ug/L      |
| 86-74-8           | Carbazole                  | 1.2     | U         | 1.2    | 4   | 5          | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 1.5     | U         | 1.5    | 4   | 5          | ug/L      |
| 206-44-0          | Fluoranthene               | 1.3     | U         | 1.3    | 4   | 5          | ug/L      |
| 92-87-5           | Benzidine                  | 4.1     | U         | 4.1    | 8   | 10         | ug/L      |
| 129-00-0          | Pyrene                     | 1.1     | U         | 1.1    | 4   | 5          | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 2.1     | U         | 2.1    | 4   | 5          | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 1.3     | U         | 1.3    | 8   | 10         | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 0.94    | U         | 0.94   | 4   | 5          | ug/L      |
| 218-01-9          | Chrysene                   | 0.86    | U         | 0.86   | 4   | 5          | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 1.9     | U         | 1.9    | 4   | 5          | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 2.5     | U         | 2.5    | 8   | 10         | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 1.1     | U         | 1.1    | 4   | 5          | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 1.2     | U         | 1.2    | 4   | 5          | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 1.7     | U         | 1.7    | 4   | 5          | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 1       | U         | 1      | 4   | 5          | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 1.2     | U         | 1.2    | 4   | 5          | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 1.2     | U         | 1.2    | 4   | 5          | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 1.1     | U         | 1.1    | 4   | 5          | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 1.3     | U         | 1.3    | 4   | 5          | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 0.79    | U         | 0.79   | 4   | 5          | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 0.86    | U         | 0.86   | 4   | 5          | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 127.337 |           | 10-139 |     | 85         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 123.741 |           | 10-134 |     | 82         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 102.403 |           | 49-133 |     | 102        | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 88.736  |           | 52-132 |     | 89         | SPK: -100 |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165894BL             | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165894BL             | Matrix:         | water                  |
| Analytical Method: | 8270E                  | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000              uL   |
| Soil Aliquot Vol:  | uL                     | Test:           |                        |
| Extraction Type :  | Decanted :             | Level :         | LOW                    |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141020.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 144.862 |           | 44-137 |     | 97         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 85.658  |           | 48-125 |     | 86         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 294590  | 6.828     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 1177092 | 8.11      |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 636803  | 9.863     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 1094330 | 11.345    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 805864  | 13.986    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 643549  | 15.451    |        |     |            |           |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165894BS | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165894BS | Matrix:         | water                  |
| Analytical Method: | 8270E      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000       | Units:          | mL                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000                   |
|                    |            |                 | uL                     |
| Extraction Type :  |            | Test:           |                        |
|                    | Decanted : | Level :         | LOW                    |
| Injection Volume : |            | GPC Factor :    |                        |
|                    |            | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141021.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 47.7  |           | 1    | 8   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 45.5  |           | 1.6  | 4   | 5          | ug/L  |
| 100-52-7       | Benzaldehyde                | 9.6   | J         | 4    | 8   | 10         | ug/L  |
| 62-53-3        | Aniline                     | 51.6  |           | 1.6  | 4   | 5          | ug/L  |
| 108-95-2       | Phenol                      | 50.9  |           | 0.93 | 4   | 5          | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 48    |           | 1.2  | 4   | 5          | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 51.6  |           | 0.71 | 4   | 5          | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 49.1  |           | 0.88 | 4   | 5          | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 47.4  |           | 0.8  | 4   | 5          | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 47.7  |           | 0.84 | 4   | 5          | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 51    |           | 1.6  | 8   | 10         | ug/L  |
| 95-48-7        | 2-Methylphenol              | 50.1  |           | 1.1  | 4   | 5          | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 50.2  |           | 1.4  | 4   | 5          | ug/L  |
| 98-86-2        | Acetophenone                | 48    |           | 1.1  | 4   | 5          | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 48.9  |           | 1.2  | 8   | 10         | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 48.9  |           | 1.5  | 2.5 | 2.5        | ug/L  |
| 67-72-1        | Hexachloroethane            | 49.2  |           | 1    | 4   | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 51.7  |           | 1.3  | 4   | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 50.6  |           | 1.1  | 4   | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 53.7  |           | 2    | 4   | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 58.6  |           | 1.5  | 4   | 5          | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 49.1  |           | 1    | 4   | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 50.7  |           | 0.88 | 4   | 5          | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 47.3  |           | 1.1  | 4   | 5          | ug/L  |
| 65-85-0        | Benzoic acid                | 48.7  |           | 5.5  | 8   | 10         | ug/L  |
| 91-20-3        | Naphthalene                 | 47.9  |           | 1    | 4   | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 26.3  |           | 1.3  | 4   | 5          | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 48.2  |           | 1.3  | 4   | 5          | ug/L  |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165894BS | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165894BS | Matrix:         | water                  |
| Analytical Method: | 8270E      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000       | Units:          | mL                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL                |
| Extraction Type :  |            | Test:           |                        |
|                    | Decanted : | Level :         | LOW                    |
| Injection Volume : |            | GPC Factor :    |                        |
|                    |            | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141021.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 49.9  |           | 1.7   | 8   | 10         | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 49.4  |           | 0.84  | 4   | 5          | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 49.3  |           | 1.1   | 4   | 5          | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 180   | E         | 5     | 8   | 10         | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 52.9  |           | 0.89  | 4   | 5          | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 53.4  |           | 1     | 4   | 5          | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 49.6  |           | 0.91  | 4   | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 48.2  |           | 0.97  | 4   | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 54.4  |           | 1.4   | 4   | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 51    |           | 0.93  | 4   | 5          | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 51.7  |           | 1     | 4   | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 51.7  |           | 1.2   | 4   | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 33.9  |           | 1.4   | 4   | 5          | ug/L  |
| 83-32-9    | Acenaphthene                                    | 54    |           | 0.81  | 4   | 5          | ug/L  |
| Total PAH  | Total PAH                                       | 837.4 |           | 17.36 | 4   | 80         | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 99.3  | E         | 6.4   | 8   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 110   | E         | 2     | 8   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 49.2  |           | 0.93  | 4   | 5          | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 107.1 |           | 2.7   | 4   | 10         | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 55.4  |           | 1.5   | 4   | 5          | ug/L  |
| 84-66-2    | Diethylphthalate                                | 49.6  |           | 1     | 4   | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 49.4  |           | 0.98  | 4   | 5          | ug/L  |
| 86-73-7    | Fluorene                                        | 48.7  |           | 0.96  | 4   | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 49.8  |           | 2     | 4   | 5          | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 59.9  |           | 3.1   | 8   | 10         | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 54.7  |           | 0.89  | 4   | 5          | ug/L  |
| 103-33-3   | Azobenzene                                      | 49.4  |           | 1.2   | 4   | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 55.9  |           | 0.95  | 4   | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 54.3  |           | 1.1   | 4   | 5          | ug/L  |
| 1912-24-9  | Atrazine                                        | 65.2  |           | 1.3   | 4   | 5          | ug/L  |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165894BS | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165894BS | Matrix:         | water                  |
| Analytical Method: | 8270E      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000       | Units:          | mL                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL                |
| Extraction Type :  |            | Test:           |                        |
|                    | Decanted : | Level :         | LOW                    |
| Injection Volume : |            | GPC Factor :    |                        |
|                    |            | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141021.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 110     | E         | 1.9    | 8   | 10         | ug/L      |
| 85-01-8           | Phenanthrene               | 52.8    |           | 0.89   | 4   | 5          | ug/L      |
| 120-12-7          | Anthracene                 | 54.7    |           | 1.1    | 4   | 5          | ug/L      |
| 86-74-8           | Carbazole                  | 49.8    |           | 1.2    | 4   | 5          | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 51      |           | 1.5    | 4   | 5          | ug/L      |
| 206-44-0          | Fluoranthene               | 46.7    |           | 1.3    | 4   | 5          | ug/L      |
| 92-87-5           | Benzidine                  | 60.6    |           | 4.1    | 8   | 10         | ug/L      |
| 129-00-0          | Pyrene                     | 53.4    |           | 1.1    | 4   | 5          | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 51.9    |           | 2.1    | 4   | 5          | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 36.2    |           | 1.3    | 8   | 10         | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 47.8    |           | 0.94   | 4   | 5          | ug/L      |
| 218-01-9          | Chrysene                   | 50.5    |           | 0.86   | 4   | 5          | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 48      |           | 1.9    | 4   | 5          | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 54.4    |           | 2.5    | 8   | 10         | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 47.2    |           | 1.1    | 4   | 5          | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 48      |           | 1.2    | 4   | 5          | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 53.8    |           | 1.7    | 4   | 5          | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 62.1    |           | 1      | 4   | 5          | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 61      |           | 1.2    | 4   | 5          | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 57.1    |           | 1.2    | 4   | 5          | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 49.7    |           | 1.1    | 4   | 5          | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 41      |           | 1.3    | 4   | 5          | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 55.9    |           | 0.79   | 4   | 5          | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 46.9    |           | 0.86   | 4   | 5          | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 133.727 |           | 10-139 |     | 89         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 132.697 |           | 10-134 |     | 88         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 108.778 |           | 49-133 |     | 109        | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 94.811  |           | 52-132 |     | 95         | SPK: -100 |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165894BS | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165894BS | Matrix:         | water                  |
| Analytical Method: | 8270E      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000       | Units:          | mL                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL                |
| Extraction Type :  |            | Test:           |                        |
|                    | Decanted : | Level :         | LOW                    |
| Injection Volume : |            | GPC Factor :    |                        |
|                    |            | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141021.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 157.623 |           | 44-137 |     | 105        | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 106.188 |           | 48-125 |     | 106        | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 265480  | 6.834     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 1062209 | 8.116     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 563633  | 9.863     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 910683  | 11.351    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 524973  | 13.992    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 559032  | 15.457    |        |     |            |           |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165858TB | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165858TB | Matrix:         | water                  |
| Analytical Method: | 8270E      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100        | Units:          | mL                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL                |
| Extraction Type :  |            | Test:           |                        |
|                    | Decanted : | Level :         | LOW                    |
| Injection Volume : |            | GPC Factor :    |                        |
|                    |            | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141022.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 10.3  | U         | 10.3 | 80  | 100        | ug/L  |
| 110-86-1       | Pyridine                    | 15.5  | U         | 15.5 | 40  | 50         | ug/L  |
| 100-52-7       | Benzaldehyde                | 40    | U         | 40   | 80  | 100        | ug/L  |
| 62-53-3        | Aniline                     | 16    | U         | 16   | 40  | 50         | ug/L  |
| 108-95-2       | Phenol                      | 9.3   | U         | 9.3  | 40  | 50         | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 11.9  | U         | 11.9 | 40  | 50         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 7.1   | U         | 7.1  | 40  | 50         | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 8.8   | U         | 8.8  | 40  | 50         | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 8     | U         | 8    | 40  | 50         | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 8.4   | U         | 8.4  | 40  | 50         | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 16    | U         | 16   | 80  | 100        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 11.3  | U         | 11.3 | 40  | 50         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 13.5  | U         | 13.5 | 40  | 50         | ug/L  |
| 98-86-2        | Acetophenone                | 11    | U         | 11   | 40  | 50         | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 11.5  | U         | 11.5 | 80  | 100        | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 14.8  | U         | 14.8 | 25  | 25         | ug/L  |
| 67-72-1        | Hexachloroethane            | 10.1  | U         | 10.1 | 40  | 50         | ug/L  |
| 98-95-3        | Nitrobenzene                | 12.7  | U         | 12.7 | 40  | 50         | ug/L  |
| 78-59-1        | Isophorone                  | 11.4  | U         | 11.4 | 40  | 50         | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 19.6  | U         | 19.6 | 40  | 50         | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 15.1  | U         | 15.1 | 40  | 50         | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 10.2  | U         | 10.2 | 40  | 50         | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 8.8   | U         | 8.8  | 40  | 50         | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 11    | U         | 11   | 40  | 50         | ug/L  |
| 65-85-0        | Benzoic acid                | 54.7  | U         | 54.7 | 80  | 100        | ug/L  |
| 91-20-3        | Naphthalene                 | 10.2  | U         | 10.2 | 40  | 50         | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 13    | U         | 13   | 40  | 50         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 12.7  | U         | 12.7 | 40  | 50         | ug/L  |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165858TB | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165858TB | Matrix:         | water                  |
| Analytical Method: | 8270E      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100        | Units:          | mL                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL                |
| Extraction Type :  |            | Test:           |                        |
|                    | Decanted : | Level :         | LOW                    |
| Injection Volume : |            | GPC Factor :    |                        |
|                    |            | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141022.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 16.5  | U         | 16.5  | 80  | 100        | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 8.4   | U         | 8.4   | 40  | 50         | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 11.3  | U         | 11.3  | 40  | 50         | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 50.2  | U         | 50.2  | 80  | 100        | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 8.9   | U         | 8.9   | 40  | 50         | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 10.1  | U         | 10.1  | 40  | 50         | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 9.1   | U         | 9.1   | 40  | 50         | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 9.7   | U         | 9.7   | 40  | 50         | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 14.1  | U         | 14.1  | 40  | 50         | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 9.3   | U         | 9.3   | 40  | 50         | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 10.4  | U         | 10.4  | 40  | 50         | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 12.4  | U         | 12.4  | 40  | 50         | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 13.7  | U         | 13.7  | 40  | 50         | ug/L  |
| 83-32-9    | Acenaphthene                                    | 8.1   | U         | 8.1   | 40  | 50         | ug/L  |
| Total PAH  | Total PAH                                       | 172.9 | U         | 172.9 | 40  | 800        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 64.2  | U         | 64.2  | 80  | 100        | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 20    | U         | 20    | 80  | 100        | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 9.3   | U         | 9.3   | 40  | 50         | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 27.6  | U         | 27.6  | 40  | 100        | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 15.2  | U         | 15.2  | 40  | 50         | ug/L  |
| 84-66-2    | Diethylphthalate                                | 10.4  | U         | 10.4  | 40  | 50         | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 9.8   | U         | 9.8   | 40  | 50         | ug/L  |
| 86-73-7    | Fluorene                                        | 9.6   | U         | 9.6   | 40  | 50         | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 20.4  | U         | 20.4  | 40  | 50         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 30.7  | U         | 30.7  | 80  | 100        | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 8.9   | U         | 8.9   | 40  | 50         | ug/L  |
| 103-33-3   | Azobenzene                                      | 12    | U         | 12    | 40  | 50         | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 9.5   | U         | 9.5   | 40  | 50         | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 11.4  | U         | 11.4  | 40  | 50         | ug/L  |
| 1912-24-9  | Atrazine                                        | 12.6  | U         | 12.6  | 40  | 50         | ug/L  |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165858TB | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165858TB | Matrix:         | water                  |
| Analytical Method: | 8270E      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100        | Units:          | mL                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL                |
| Extraction Type :  |            | Test:           |                        |
|                    | Decanted : | Level :         | LOW                    |
| Injection Volume : |            | GPC Factor :    |                        |
|                    |            | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141022.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 18.5    | U         | 18.5   | 80  | 100        | ug/L      |
| 85-01-8           | Phenanthrene               | 8.9     | U         | 8.9    | 40  | 50         | ug/L      |
| 120-12-7          | Anthracene                 | 10.7    | U         | 10.7   | 40  | 50         | ug/L      |
| 86-74-8           | Carbazole                  | 11.5    | U         | 11.5   | 40  | 50         | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 14.7    | U         | 14.7   | 40  | 50         | ug/L      |
| 206-44-0          | Fluoranthene               | 12.9    | U         | 12.9   | 40  | 50         | ug/L      |
| 92-87-5           | Benzidine                  | 40.7    | U         | 40.7   | 80  | 100        | ug/L      |
| 129-00-0          | Pyrene                     | 10.6    | U         | 10.6   | 40  | 50         | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 21      | U         | 21     | 40  | 50         | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 12.8    | U         | 12.8   | 80  | 100        | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 9.4     | U         | 9.4    | 40  | 50         | ug/L      |
| 218-01-9          | Chrysene                   | 8.6     | U         | 8.6    | 40  | 50         | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 18.9    | U         | 18.9   | 40  | 50         | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 25      | U         | 25     | 80  | 100        | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 11.4    | U         | 11.4   | 40  | 50         | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 11.9    | U         | 11.9   | 40  | 50         | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 16.7    | U         | 16.7   | 40  | 50         | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 10.2    | U         | 10.2   | 40  | 50         | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 11.5    | U         | 11.5   | 40  | 50         | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 11.8    | U         | 11.8   | 40  | 50         | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 10.9    | U         | 10.9   | 40  | 50         | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 12.5    | U         | 12.5   | 40  | 50         | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 7.9     | U         | 7.9    | 40  | 50         | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 8.6     | U         | 8.6    | 40  | 50         | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 142.463 |           | 10-139 |     | 95         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 138.129 |           | 10-134 |     | 92         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 118.155 |           | 49-133 |     | 118        | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 99.387  |           | 52-132 |     | 99         | SPK: -100 |

## Report of Analysis

|                    |                       |                 |                        |
|--------------------|-----------------------|-----------------|------------------------|
| Client:            |                       | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165858TB            | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165858TB            | Matrix:         | water                  |
| Analytical Method: | 8270E                 | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100      Units:    mL | Final Vol:      | 1000      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                        |
| Extraction Type :  | Decanted :            | Level :         | LOW                    |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141022.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 168.989 |           | 44-137 |     | 113        | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 94.112  |           | 48-125 |     | 94         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 261082  | 6.828     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 1035808 | 8.11      |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 557988  | 9.857     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 953209  | 11.345    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 718934  | 13.986    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 570504  | 15.451    |        |     |            |           |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165875BS | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165875BS | Matrix:         | Water                  |
| Analytical Method: | 8270E      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000       | Units:          | mL                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL                |
| Extraction Type :  |            | Test:           |                        |
|                    | Decanted : | Level :         | LOW                    |
| Injection Volume : |            | GPC Factor :    |                        |
|                    |            | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141023.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165875      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 46.1  |           | 1    | 8   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 44.2  |           | 1.6  | 4   | 5          | ug/L  |
| 100-52-7       | Benzaldehyde                | 9.5   | J         | 4    | 8   | 10         | ug/L  |
| 62-53-3        | Aniline                     | 45.5  |           | 1.6  | 4   | 5          | ug/L  |
| 108-95-2       | Phenol                      | 49.7  |           | 0.93 | 4   | 5          | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 46.8  |           | 1.2  | 4   | 5          | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 50.4  |           | 0.71 | 4   | 5          | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 47.9  |           | 0.88 | 4   | 5          | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 46.8  |           | 0.8  | 4   | 5          | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 46.7  |           | 0.84 | 4   | 5          | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 49.8  |           | 1.6  | 8   | 10         | ug/L  |
| 95-48-7        | 2-Methylphenol              | 49.3  |           | 1.1  | 4   | 5          | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 48.9  |           | 1.4  | 4   | 5          | ug/L  |
| 98-86-2        | Acetophenone                | 47.1  |           | 1.1  | 4   | 5          | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 47.5  |           | 1.2  | 8   | 10         | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 48.2  |           | 1.5  | 2.5 | 2.5        | ug/L  |
| 67-72-1        | Hexachloroethane            | 48.1  |           | 1    | 4   | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 51.5  |           | 1.3  | 4   | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 49.3  |           | 1.1  | 4   | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 55.1  |           | 2    | 4   | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 57.1  |           | 1.5  | 4   | 5          | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 47.6  |           | 1    | 4   | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 50.5  |           | 0.88 | 4   | 5          | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 46.5  |           | 1.1  | 4   | 5          | ug/L  |
| 65-85-0        | Benzoic acid                | 49.1  |           | 5.5  | 8   | 10         | ug/L  |
| 91-20-3        | Naphthalene                 | 46.7  |           | 1    | 4   | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 21.6  |           | 1.3  | 4   | 5          | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 47.6  |           | 1.3  | 4   | 5          | ug/L  |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165875BS | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165875BS | Matrix:         | Water                  |
| Analytical Method: | 8270E      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000       | Units:          | mL                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000                   |
|                    |            |                 | uL                     |
| Extraction Type :  |            | Test:           |                        |
|                    | Decanted : | Level :         | LOW                    |
| Injection Volume : |            | GPC Factor :    |                        |
|                    |            | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141023.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165875      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 48.6  |           | 1.7   | 8   | 10         | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 48.6  |           | 0.84  | 4   | 5          | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 48.4  |           | 1.1   | 4   | 5          | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 180   | E         | 5     | 8   | 10         | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 52.3  |           | 0.89  | 4   | 5          | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 50.7  |           | 1     | 4   | 5          | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 47.9  |           | 0.91  | 4   | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 46.7  |           | 0.97  | 4   | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 55    |           | 1.4   | 4   | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 49.9  |           | 0.93  | 4   | 5          | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 50.6  |           | 1     | 4   | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 51.9  |           | 1.2   | 4   | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 31.5  |           | 1.4   | 4   | 5          | ug/L  |
| 83-32-9    | Acenaphthene                                    | 53.4  |           | 0.81  | 4   | 5          | ug/L  |
| Total PAH  | Total PAH                                       | 819.9 |           | 17.36 | 4   | 80         | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 100   | E         | 6.4   | 8   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 110   | E         | 2     | 8   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 48.3  |           | 0.93  | 4   | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 57.3  |           | 1.5   | 4   | 5          | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 59.2  |           | 2.7   | 4   | 10         | ug/L  |
| 84-66-2    | Diethylphthalate                                | 49    |           | 1     | 4   | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 48    |           | 0.98  | 4   | 5          | ug/L  |
| 86-73-7    | Fluorene                                        | 47.4  |           | 0.96  | 4   | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 51.4  |           | 2     | 4   | 5          | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 62.9  |           | 3.1   | 8   | 10         | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 52.5  |           | 0.89  | 4   | 5          | ug/L  |
| 103-33-3   | Azobenzene                                      | 48.3  |           | 1.2   | 4   | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 54    |           | 0.95  | 4   | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 52.5  |           | 1.1   | 4   | 5          | ug/L  |
| 1912-24-9  | Atrazine                                        | 64.2  |           | 1.3   | 4   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165875BS             | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165875BS             | Matrix:         | Water                  |
| Analytical Method: | 8270E                  | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL           |
| Soil Aliquot Vol:  | uL                     | Test:           |                        |
| Extraction Type :  | Decanted :             | Level :         | LOW                    |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141023.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165875      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 110     | E         | 1.9    | 8   | 10         | ug/L      |
| 85-01-8           | Phenanthrene               | 51.9    |           | 0.89   | 4   | 5          | ug/L      |
| 120-12-7          | Anthracene                 | 53.5    |           | 1.1    | 4   | 5          | ug/L      |
| 86-74-8           | Carbazole                  | 48.9    |           | 1.2    | 4   | 5          | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 51      |           | 1.5    | 4   | 5          | ug/L      |
| 206-44-0          | Fluoranthene               | 48.2    |           | 1.3    | 4   | 5          | ug/L      |
| 92-87-5           | Benzidine                  | 53.6    |           | 4.1    | 8   | 10         | ug/L      |
| 129-00-0          | Pyrene                     | 51.2    |           | 1.1    | 4   | 5          | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 51.8    |           | 2.1    | 4   | 5          | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 31.2    |           | 1.3    | 8   | 10         | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 47.8    |           | 0.94   | 4   | 5          | ug/L      |
| 218-01-9          | Chrysene                   | 49.3    |           | 0.86   | 4   | 5          | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 48.1    |           | 1.9    | 4   | 5          | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 53.4    |           | 2.5    | 8   | 10         | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 45.2    |           | 1.1    | 4   | 5          | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 50.3    |           | 1.2    | 4   | 5          | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 52.8    |           | 1.7    | 4   | 5          | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 59.1    |           | 1      | 4   | 5          | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 58.4    |           | 1.2    | 4   | 5          | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 54.1    |           | 1.2    | 4   | 5          | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 48.3    |           | 1.1    | 4   | 5          | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 40      |           | 1.3    | 4   | 5          | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 54.4    |           | 0.79   | 4   | 5          | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 45.6    |           | 0.86   | 4   | 5          | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 141.401 |           | 10-139 |     | 94         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 139.091 |           | 10-134 |     | 93         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 117.018 |           | 49-133 |     | 117        | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 98.345  |           | 52-132 |     | 98         | SPK: -100 |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165875BS             | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165875BS             | Matrix:         | Water                  |
| Analytical Method: | 8270E                  | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL           |
| Soil Aliquot Vol:  | uL                     | Test:           |                        |
| Extraction Type :  | Decanted :             | Level :         | LOW                    |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141023.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165875      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 171.164 |           | 44-137 |     | 114        | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 109.281 |           | 48-125 |     | 109        | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 257073  | 6.828     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 1028057 | 8.11      |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 552137  | 9.863     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 907991  | 11.351    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 558420  | 13.992    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 562877  | 15.445    |        |     |            |           |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 12/20/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/20/2024 12:00:00 AM |
| Client Sample ID:  | PB165790BL | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165790BL | Matrix:         | water                  |
| Analytical Method: | 8270E      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000       | Units:          | mL                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000                   |
|                    |            |                 | uL                     |
| Extraction Type :  |            | Test:           |                        |
|                    | Decanted : | Level :         | LOW                    |
| Injection Volume : |            | GPC Factor :    |                        |
|                    |            | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141024.D        | 1         | 12/20/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165790      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 1     | U         | 1    | 8   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.6   | U         | 1.6  | 4   | 5          | ug/L  |
| 100-52-7       | Benzaldehyde                | 4     | U         | 4    | 8   | 10         | ug/L  |
| 62-53-3        | Aniline                     | 1.6   | U         | 1.6  | 4   | 5          | ug/L  |
| 108-95-2       | Phenol                      | 0.93  | U         | 0.93 | 4   | 5          | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1.2   | U         | 1.2  | 4   | 5          | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 0.71  | U         | 0.71 | 4   | 5          | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 0.88  | U         | 0.88 | 4   | 5          | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 0.8   | U         | 0.8  | 4   | 5          | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 0.84  | U         | 0.84 | 4   | 5          | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 1.6   | U         | 1.6  | 8   | 10         | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 4   | 5          | ug/L  |
| 98-86-2        | Acetophenone                | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 1.2   | U         | 1.2  | 8   | 10         | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 2.5        | ug/L  |
| 67-72-1        | Hexachloroethane            | 1     | U         | 1    | 4   | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.3   | U         | 1.3  | 4   | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 2     | U         | 2    | 4   | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.5   | U         | 1.5  | 4   | 5          | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1     | U         | 1    | 4   | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.88  | U         | 0.88 | 4   | 5          | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 65-85-0        | Benzoic acid                | 5.5   | U         | 5.5  | 8   | 10         | ug/L  |
| 91-20-3        | Naphthalene                 | 1     | U         | 1    | 4   | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.3   | U         | 1.3  | 4   | 5          | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.3   | U         | 1.3  | 4   | 5          | ug/L  |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 12/20/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/20/2024 12:00:00 AM |
| Client Sample ID:  | PB165790BL | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165790BL | Matrix:         | water                  |
| Analytical Method: | 8270E      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000       | Units:          | mL                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL                |
| Extraction Type :  |            | Test:           |                        |
|                    | Decanted : | Level :         | LOW                    |
| Injection Volume : |            | GPC Factor :    |                        |
|                    |            | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141024.D        | 1         | 12/20/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165790      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 1.7   | U         | 1.7   | 8   | 10         | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 0.84  | U         | 0.84  | 4   | 5          | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 1.1   | U         | 1.1   | 4   | 5          | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 5     | U         | 5     | 8   | 10         | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 0.89  | U         | 0.89  | 4   | 5          | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 1     | U         | 1     | 4   | 5          | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 0.91  | U         | 0.91  | 4   | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 0.97  | U         | 0.97  | 4   | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 1.4   | U         | 1.4   | 4   | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 0.93  | U         | 0.93  | 4   | 5          | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 1     | U         | 1     | 4   | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 1.2   | U         | 1.2   | 4   | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 1.4   | U         | 1.4   | 4   | 5          | ug/L  |
| 83-32-9    | Acenaphthene                                    | 0.81  | U         | 0.81  | 4   | 5          | ug/L  |
| Total PAH  | Total PAH                                       | 17.36 | U         | 17.36 | 4   | 80         | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 6.4   | U         | 6.4   | 8   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 2     | U         | 2     | 8   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 0.93  | U         | 0.93  | 4   | 5          | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 2.7   | U         | 2.7   | 4   | 10         | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 1.5   | U         | 1.5   | 4   | 5          | ug/L  |
| 84-66-2    | Diethylphthalate                                | 1     | U         | 1     | 4   | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 0.98  | U         | 0.98  | 4   | 5          | ug/L  |
| 86-73-7    | Fluorene                                        | 0.96  | U         | 0.96  | 4   | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 2     | U         | 2     | 4   | 5          | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 3.1   | U         | 3.1   | 8   | 10         | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 0.89  | U         | 0.89  | 4   | 5          | ug/L  |
| 103-33-3   | Azobenzene                                      | 1.2   | U         | 1.2   | 4   | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 0.95  | U         | 0.95  | 4   | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 1.1   | U         | 1.1   | 4   | 5          | ug/L  |
| 1912-24-9  | Atrazine                                        | 1.3   | U         | 1.3   | 4   | 5          | ug/L  |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 12/20/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/20/2024 12:00:00 AM |
| Client Sample ID:  | PB165790BL | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165790BL | Matrix:         | water                  |
| Analytical Method: | 8270E      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000       | Units:          | mL                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL                |
| Extraction Type :  |            | Test:           |                        |
|                    | Decanted : | Level :         | LOW                    |
| Injection Volume : |            | GPC Factor :    |                        |
|                    |            | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141024.D        | 1         | 12/20/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165790      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 1.9     | U         | 1.9    | 8   | 10         | ug/L      |
| 85-01-8           | Phenanthrene               | 0.89    | U         | 0.89   | 4   | 5          | ug/L      |
| 120-12-7          | Anthracene                 | 1.1     | U         | 1.1    | 4   | 5          | ug/L      |
| 86-74-8           | Carbazole                  | 1.2     | U         | 1.2    | 4   | 5          | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 1.5     | U         | 1.5    | 4   | 5          | ug/L      |
| 206-44-0          | Fluoranthene               | 1.3     | U         | 1.3    | 4   | 5          | ug/L      |
| 92-87-5           | Benzidine                  | 4.1     | U         | 4.1    | 8   | 10         | ug/L      |
| 129-00-0          | Pyrene                     | 1.1     | U         | 1.1    | 4   | 5          | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 2.1     | U         | 2.1    | 4   | 5          | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 1.3     | U         | 1.3    | 8   | 10         | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 0.94    | U         | 0.94   | 4   | 5          | ug/L      |
| 218-01-9          | Chrysene                   | 0.86    | U         | 0.86   | 4   | 5          | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 1.9     | U         | 1.9    | 4   | 5          | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 2.5     | U         | 2.5    | 8   | 10         | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 1.1     | U         | 1.1    | 4   | 5          | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 1.2     | U         | 1.2    | 4   | 5          | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 1.7     | U         | 1.7    | 4   | 5          | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 1       | U         | 1      | 4   | 5          | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 1.2     | U         | 1.2    | 4   | 5          | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 1.2     | U         | 1.2    | 4   | 5          | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 1.1     | U         | 1.1    | 4   | 5          | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 1.3     | U         | 1.3    | 4   | 5          | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 0.79    | U         | 0.79   | 4   | 5          | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 0.86    | U         | 0.86   | 4   | 5          | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 149.807 |           | 10-139 |     | 100        | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 147.813 |           | 10-134 |     | 99         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 124.576 |           | 49-133 |     | 125        | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 101.288 |           | 52-132 |     | 101        | SPK: -100 |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 12/20/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/20/2024 12:00:00 AM |
| Client Sample ID:  | PB165790BL             | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165790BL             | Matrix:         | water                  |
| Analytical Method: | 8270E                  | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL           |
| Soil Aliquot Vol:  | uL                     | Test:           |                        |
| Extraction Type :  | Decanted :             | Level :         | LOW                    |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141024.D        | 1         | 12/20/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165790      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 172.696 |           | 44-137 |     | 115        | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 100.459 |           | 48-125 |     | 100        | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 238985  | 6.828     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 970773  | 8.11      |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 524490  | 9.857     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 885926  | 11.345    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 625339  | 13.98     |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 515809  | 15.445    |        |     |            |           |

## Report of Analysis

|                    |             |                 |                        |
|--------------------|-------------|-----------------|------------------------|
| Client:            |             | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |             | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165875BSD | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165875BSD | Matrix:         | Water                  |
| Analytical Method: | 8270E       | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000        | Units:          | mL                     |
| Soil Aliquot Vol:  |             | Final Vol:      | 1000                   |
|                    |             |                 | uL                     |
| Extraction Type :  |             | Test:           |                        |
|                    | Decanted :  | Level :         | LOW                    |
| Injection Volume : |             | GPC Factor :    |                        |
|                    |             | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141025.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165875      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 46.4  |           | 1    | 8   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 45    |           | 1.6  | 4   | 5          | ug/L  |
| 100-52-7       | Benzaldehyde                | 10.8  |           | 4    | 8   | 10         | ug/L  |
| 62-53-3        | Aniline                     | 41.2  |           | 1.6  | 4   | 5          | ug/L  |
| 108-95-2       | Phenol                      | 48.9  |           | 0.93 | 4   | 5          | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 46.8  |           | 1.2  | 4   | 5          | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 50    |           | 0.71 | 4   | 5          | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 48.2  |           | 0.88 | 4   | 5          | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 46.6  |           | 0.8  | 4   | 5          | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 47    |           | 0.84 | 4   | 5          | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 49.5  |           | 1.6  | 8   | 10         | ug/L  |
| 95-48-7        | 2-Methylphenol              | 48.5  |           | 1.1  | 4   | 5          | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 48.8  |           | 1.4  | 4   | 5          | ug/L  |
| 98-86-2        | Acetophenone                | 47.4  |           | 1.1  | 4   | 5          | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 47.2  |           | 1.2  | 8   | 10         | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 47.6  |           | 1.5  | 2.5 | 2.5        | ug/L  |
| 67-72-1        | Hexachloroethane            | 48    |           | 1    | 4   | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 51.7  |           | 1.3  | 4   | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 49.2  |           | 1.1  | 4   | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 56.5  |           | 2    | 4   | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 57.6  |           | 1.5  | 4   | 5          | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 47.4  |           | 1    | 4   | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 50.2  |           | 0.88 | 4   | 5          | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 46.7  |           | 1.1  | 4   | 5          | ug/L  |
| 65-85-0        | Benzoic acid                | 52.4  |           | 5.5  | 8   | 10         | ug/L  |
| 91-20-3        | Naphthalene                 | 47.1  |           | 1    | 4   | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 17.2  |           | 1.3  | 4   | 5          | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 47.2  |           | 1.3  | 4   | 5          | ug/L  |

## Report of Analysis

|                    |             |                 |                        |
|--------------------|-------------|-----------------|------------------------|
| Client:            |             | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |             | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165875BSD | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165875BSD | Matrix:         | Water                  |
| Analytical Method: | 8270E       | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000        | Units:          | mL                     |
| Soil Aliquot Vol:  |             | Final Vol:      | 1000 uL                |
| Extraction Type :  |             | Test:           |                        |
|                    | Decanted :  | Level :         | LOW                    |
| Injection Volume : |             | GPC Factor :    |                        |
|                    |             | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141025.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165875      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 48    |           | 1.7   | 8   | 10         | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 48.2  |           | 0.84  | 4   | 5          | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 48.4  |           | 1.1   | 4   | 5          | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 180   | E         | 5     | 8   | 10         | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 53    |           | 0.89  | 4   | 5          | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 50.1  |           | 1     | 4   | 5          | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 48.1  |           | 0.91  | 4   | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 47.2  |           | 0.97  | 4   | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 54.5  |           | 1.4   | 4   | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 49.3  |           | 0.93  | 4   | 5          | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 50.2  |           | 1     | 4   | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 51.6  |           | 1.2   | 4   | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 28.3  |           | 1.4   | 4   | 5          | ug/L  |
| 83-32-9    | Acenaphthene                                    | 53    |           | 0.81  | 4   | 5          | ug/L  |
| Total PAH  | Total PAH                                       | 815.8 |           | 17.36 | 4   | 80         | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 100   | E         | 6.4   | 8   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 110   | E         | 2     | 8   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 48.9  |           | 0.93  | 4   | 5          | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 407.2 |           | 2.7   | 4   | 10         | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 55.6  |           | 1.5   | 4   | 5          | ug/L  |
| 84-66-2    | Diethylphthalate                                | 48.3  |           | 1     | 4   | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 47.7  |           | 0.98  | 4   | 5          | ug/L  |
| 86-73-7    | Fluorene                                        | 46.7  |           | 0.96  | 4   | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 48.7  |           | 2     | 4   | 5          | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 62.7  |           | 3.1   | 8   | 10         | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 52.7  |           | 0.89  | 4   | 5          | ug/L  |
| 103-33-3   | Azobenzene                                      | 47.3  |           | 1.2   | 4   | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 54.2  |           | 0.95  | 4   | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 51.5  |           | 1.1   | 4   | 5          | ug/L  |
| 1912-24-9  | Atrazine                                        | 62.8  |           | 1.3   | 4   | 5          | ug/L  |

## Report of Analysis

|                    |             |                 |                        |
|--------------------|-------------|-----------------|------------------------|
| Client:            |             | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |             | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165875BSD | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165875BSD | Matrix:         | Water                  |
| Analytical Method: | 8270E       | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000        | Units:          | mL                     |
| Soil Aliquot Vol:  |             | Final Vol:      | 1000 uL                |
| Extraction Type :  |             | Test:           |                        |
|                    | Decanted :  | Level :         | LOW                    |
| Injection Volume : |             | GPC Factor :    |                        |
|                    |             | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141025.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165875      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 100     | E         | 1.9    | 8   | 10         | ug/L      |
| 85-01-8           | Phenanthrene               | 51      |           | 0.89   | 4   | 5          | ug/L      |
| 120-12-7          | Anthracene                 | 52.9    |           | 1.1    | 4   | 5          | ug/L      |
| 86-74-8           | Carbazole                  | 47.5    |           | 1.2    | 4   | 5          | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 49.4    |           | 1.5    | 4   | 5          | ug/L      |
| 206-44-0          | Fluoranthene               | 45.8    |           | 1.3    | 4   | 5          | ug/L      |
| 92-87-5           | Benzidine                  | 42.5    |           | 4.1    | 8   | 10         | ug/L      |
| 129-00-0          | Pyrene                     | 51.4    |           | 1.1    | 4   | 5          | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 50.4    |           | 2.1    | 4   | 5          | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 28.1    |           | 1.3    | 8   | 10         | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 48.6    |           | 0.94   | 4   | 5          | ug/L      |
| 218-01-9          | Chrysene                   | 47      |           | 0.86   | 4   | 5          | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 47.5    |           | 1.9    | 4   | 5          | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 52.7    |           | 2.5    | 8   | 10         | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 44.9    |           | 1.1    | 4   | 5          | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 48.7    |           | 1.2    | 4   | 5          | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 52.9    |           | 1.7    | 4   | 5          | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 60.4    |           | 1      | 4   | 5          | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 60      |           | 1.2    | 4   | 5          | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 55.2    |           | 1.2    | 4   | 5          | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 48.6    |           | 1.1    | 4   | 5          | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 41.5    |           | 1.3    | 4   | 5          | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 53      |           | 0.79   | 4   | 5          | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 45.8    |           | 0.86   | 4   | 5          | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 139.792 |           | 10-139 |     | 93         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 137.678 |           | 10-134 |     | 92         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 117.028 |           | 49-133 |     | 117        | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 98.34   |           | 52-132 |     | 98         | SPK: -100 |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165875BSD            | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165875BSD            | Matrix:         | Water                  |
| Analytical Method: | 8270E                  | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL           |
| Soil Aliquot Vol:  | uL                     | Test:           |                        |
| Extraction Type :  | Decanted :             | Level :         | LOW                    |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141025.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165875      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 165.214 |           | 44-137 |     | 110        | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 108.838 |           | 48-125 |     | 109        | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 245980  | 6.828     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 976708  | 8.11      |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 520630  | 9.863     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 841953  | 11.351    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 491451  | 13.986    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 512529  | 15.445    |        |     |            |           |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165875BL | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165875BL | Matrix:         | Water                  |
| Analytical Method: | 8270E      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000       | Units:          | mL                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL                |
| Extraction Type :  |            | Test:           |                        |
|                    | Decanted : | Level :         | LOW                    |
| Injection Volume : |            | GPC Factor :    |                        |
|                    |            | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141026.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165875      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 1     | U         | 1    | 8   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.6   | U         | 1.6  | 4   | 5          | ug/L  |
| 100-52-7       | Benzaldehyde                | 4     | U         | 4    | 8   | 10         | ug/L  |
| 62-53-3        | Aniline                     | 1.6   | U         | 1.6  | 4   | 5          | ug/L  |
| 108-95-2       | Phenol                      | 0.93  | U         | 0.93 | 4   | 5          | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1.2   | U         | 1.2  | 4   | 5          | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 0.71  | U         | 0.71 | 4   | 5          | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 0.88  | U         | 0.88 | 4   | 5          | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 0.8   | U         | 0.8  | 4   | 5          | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 0.84  | U         | 0.84 | 4   | 5          | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 1.6   | U         | 1.6  | 8   | 10         | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 4   | 5          | ug/L  |
| 98-86-2        | Acetophenone                | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 1.2   | U         | 1.2  | 8   | 10         | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 2.5        | ug/L  |
| 67-72-1        | Hexachloroethane            | 1     | U         | 1    | 4   | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.3   | U         | 1.3  | 4   | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 2     | U         | 2    | 4   | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.5   | U         | 1.5  | 4   | 5          | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1     | U         | 1    | 4   | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.88  | U         | 0.88 | 4   | 5          | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 65-85-0        | Benzoic acid                | 5.5   | U         | 5.5  | 8   | 10         | ug/L  |
| 91-20-3        | Naphthalene                 | 1     | U         | 1    | 4   | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.3   | U         | 1.3  | 4   | 5          | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.3   | U         | 1.3  | 4   | 5          | ug/L  |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165875BL | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165875BL | Matrix:         | Water                  |
| Analytical Method: | 8270E      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000       | Units:          | mL                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL                |
| Extraction Type :  |            | Test:           |                        |
|                    | Decanted : | Level :         | LOW                    |
| Injection Volume : |            | GPC Factor :    |                        |
|                    |            | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141026.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165875      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 1.7   | U         | 1.7   | 8   | 10         | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 0.84  | U         | 0.84  | 4   | 5          | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 1.1   | U         | 1.1   | 4   | 5          | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 5     | U         | 5     | 8   | 10         | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 0.89  | U         | 0.89  | 4   | 5          | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 1     | U         | 1     | 4   | 5          | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 0.91  | U         | 0.91  | 4   | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 0.97  | U         | 0.97  | 4   | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 1.4   | U         | 1.4   | 4   | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 0.93  | U         | 0.93  | 4   | 5          | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 1     | U         | 1     | 4   | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 1.2   | U         | 1.2   | 4   | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 1.4   | U         | 1.4   | 4   | 5          | ug/L  |
| 83-32-9    | Acenaphthene                                    | 0.81  | U         | 0.81  | 4   | 5          | ug/L  |
| Total PAH  | Total PAH                                       | 17.36 | U         | 17.36 | 4   | 80         | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 6.4   | U         | 6.4   | 8   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 2     | U         | 2     | 8   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 0.93  | U         | 0.93  | 4   | 5          | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 2.7   | U         | 2.7   | 4   | 10         | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 1.5   | U         | 1.5   | 4   | 5          | ug/L  |
| 84-66-2    | Diethylphthalate                                | 1     | U         | 1     | 4   | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 0.98  | U         | 0.98  | 4   | 5          | ug/L  |
| 86-73-7    | Fluorene                                        | 0.96  | U         | 0.96  | 4   | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 2     | U         | 2     | 4   | 5          | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 3.1   | U         | 3.1   | 8   | 10         | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 0.89  | U         | 0.89  | 4   | 5          | ug/L  |
| 103-33-3   | Azobenzene                                      | 1.2   | U         | 1.2   | 4   | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 0.95  | U         | 0.95  | 4   | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 1.1   | U         | 1.1   | 4   | 5          | ug/L  |
| 1912-24-9  | Atrazine                                        | 1.3   | U         | 1.3   | 4   | 5          | ug/L  |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165875BL | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165875BL | Matrix:         | Water                  |
| Analytical Method: | 8270E      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000       | Units:          | mL                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL                |
| Extraction Type :  |            | Test:           |                        |
|                    | Decanted : | Level :         | LOW                    |
| Injection Volume : |            | GPC Factor :    |                        |
|                    |            | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141026.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165875      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 1.9     | U         | 1.9    | 8   | 10         | ug/L      |
| 85-01-8           | Phenanthrene               | 0.89    | U         | 0.89   | 4   | 5          | ug/L      |
| 120-12-7          | Anthracene                 | 1.1     | U         | 1.1    | 4   | 5          | ug/L      |
| 86-74-8           | Carbazole                  | 1.2     | U         | 1.2    | 4   | 5          | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 1.5     | U         | 1.5    | 4   | 5          | ug/L      |
| 206-44-0          | Fluoranthene               | 1.3     | U         | 1.3    | 4   | 5          | ug/L      |
| 92-87-5           | Benzidine                  | 4.1     | U         | 4.1    | 8   | 10         | ug/L      |
| 129-00-0          | Pyrene                     | 1.1     | U         | 1.1    | 4   | 5          | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 2.1     | U         | 2.1    | 4   | 5          | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 1.3     | U         | 1.3    | 8   | 10         | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 0.94    | U         | 0.94   | 4   | 5          | ug/L      |
| 218-01-9          | Chrysene                   | 0.86    | U         | 0.86   | 4   | 5          | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 1.9     | U         | 1.9    | 4   | 5          | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 2.5     | U         | 2.5    | 8   | 10         | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 1.1     | U         | 1.1    | 4   | 5          | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 1.2     | U         | 1.2    | 4   | 5          | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 1.7     | U         | 1.7    | 4   | 5          | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 1       | U         | 1      | 4   | 5          | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 1.2     | U         | 1.2    | 4   | 5          | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 1.2     | U         | 1.2    | 4   | 5          | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 1.1     | U         | 1.1    | 4   | 5          | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 1.3     | U         | 1.3    | 4   | 5          | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 0.79    | U         | 0.79   | 4   | 5          | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 0.86    | U         | 0.86   | 4   | 5          | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 147.668 |           | 10-139 |     | 98         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 145.481 |           | 10-134 |     | 97         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 123.05  |           | 49-133 |     | 123        | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 100.649 |           | 52-132 |     | 101        | SPK: -100 |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165875BL             | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165875BL             | Matrix:         | Water                  |
| Analytical Method: | 8270E                  | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL           |
| Soil Aliquot Vol:  | uL                     | Test:           |                        |
| Extraction Type :  | Decanted :             | Level :         | LOW                    |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141026.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165875      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 170.078 |           | 44-137 |     | 113        | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 99.409  |           | 48-125 |     | 99         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 246101  | 6.828     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 1001275 | 8.104     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 538150  | 9.857     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 917789  | 11.345    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 648553  | 13.98     |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 554058  | 15.445    |        |     |            |           |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165872BS | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165872BS | Matrix:         | Solid                  |
| Analytical Method: | 8270E      | % Moisture:     | 0                      |
| Sample Wt/Vol:     | 30.02      | Units:          | g                      |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL                |
| Extraction Type :  |            | Test:           |                        |
|                    | Decanted : | Level :         | LOW                    |
| Injection Volume : |            | GPC Factor :    |                        |
|                    |            | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141027.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165872      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 1700  |           | 86.7 | 270  | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 1600  |           | 79.8 | 130  | 170        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 360   |           | 180  | 270  | 330        | ug/Kg |
| 62-53-3        | Aniline                     | 1600  |           | 96.8 | 130  | 170        | ug/Kg |
| 108-95-2       | Phenol                      | 1700  |           | 82.8 | 130  | 170        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1700  |           | 83.6 | 130  | 170        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1800  |           | 83.4 | 130  | 170        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 1700  |           | 84.5 | 130  | 170        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 1600  |           | 85.9 | 130  | 170        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 1600  |           | 86.4 | 130  | 170        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 1800  |           | 82.9 | 270  | 330        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1700  |           | 80.5 | 130  | 170        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1700  |           | 90.8 | 130  | 170        | ug/Kg |
| 98-86-2        | Acetophenone                | 1600  |           | 86.8 | 130  | 170        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 1700  |           | 79.7 | 270  | 330        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1700  |           | 40.3 | 79.9 | 79.9       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1700  |           | 82.9 | 130  | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1800  |           | 90.7 | 130  | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 1700  |           | 84.5 | 130  | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 2000  |           | 94.4 | 130  | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 2000  |           | 93.1 | 130  | 170        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1700  |           | 85.7 | 130  | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1800  |           | 75.4 | 130  | 170        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 1600  |           | 85.3 | 130  | 170        | ug/Kg |
| 65-85-0        | Benzoic acid                | 1800  |           | 240  | 270  | 330        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1600  |           | 82.5 | 130  | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 700   |           | 82.5 | 130  | 170        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1600  |           | 83.2 | 130  | 170        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165872BS             | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165872BS             | Matrix:         | Solid                  |
| Analytical Method: | 8270E                  | % Moisture:     | 0                      |
| Sample Wt/Vol:     | 30.02      Units:    g | Final Vol:      | 1000              uL   |
| Soil Aliquot Vol:  | uL                     | Test:           |                        |
| Extraction Type :  | Decanted :             | Level :         | LOW                    |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141027.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165872      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|--------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 1700  |           | 86.7   | 270 | 330        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 1700  |           | 77.4   | 130 | 170        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 1700  |           | 82.4   | 130 | 170        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 6200  | E         | 160    | 270 | 330        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 1900  |           | 71.4   | 130 | 170        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 1800  |           | 74     | 130 | 170        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 1600  |           | 87.3   | 130 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 1600  |           | 83.2   | 130 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 2000  |           | 94.9   | 130 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 1700  |           | 81.6   | 130 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 1800  |           | 86.4   | 130 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 1900  |           | 83.1   | 130 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 1100  |           | 89.1   | 130 | 170        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 1900  |           | 81     | 130 | 170        | ug/Kg |
| Total PAH  | Total PAH                                       | 28100 |           | 1323.5 | 130 | 2720       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 3800  | E         | 240    | 270 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 4100  | E         | 120    | 270 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 1700  |           | 84.3   | 130 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 2100  |           | 86.1   | 130 | 170        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 4000  |           | 169.2  | 130 | 340        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 1700  |           | 80     | 130 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 1700  |           | 85.5   | 130 | 170        | ug/Kg |
| 86-73-7    | Fluorene                                        | 1600  |           | 85.4   | 130 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 1900  |           | 110    | 130 | 170        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 2400  |           | 120    | 270 | 330        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 1800  |           | 81.5   | 130 | 170        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 1700  |           | 79.5   | 130 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 1800  |           | 78.8   | 130 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 1800  |           | 84.9   | 130 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 2300  |           | 91.3   | 130 | 170        | ug/Kg |

## Report of Analysis

|                    |                     |                 |                        |
|--------------------|---------------------|-----------------|------------------------|
| Client:            |                     | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165872BS          | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165872BS          | Matrix:         | Solid                  |
| Analytical Method: | 8270E               | % Moisture:     | 0                      |
| Sample Wt/Vol:     | 30.02      Units: g | Final Vol:      | 1000      uL           |
| Soil Aliquot Vol:  | uL                  | Test:           |                        |
| Extraction Type :  | Decanted :          | Level :         | LOW                    |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141027.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165872      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 3800    | E         | 77.2   | 270 | 330        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 1800    |           | 83.9   | 130 | 170        | ug/Kg     |
| 120-12-7          | Anthracene                 | 1900    |           | 84.3   | 130 | 170        | ug/Kg     |
| 86-74-8           | Carbazole                  | 1700    |           | 80.2   | 130 | 170        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 1800    |           | 84.2   | 130 | 170        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 1700    |           | 81.6   | 130 | 170        | ug/Kg     |
| 92-87-5           | Benzidine                  | 1800    |           | 160    | 270 | 330        | ug/Kg     |
| 129-00-0          | Pyrene                     | 1700    |           | 82.9   | 130 | 170        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 1800    |           | 96.7   | 130 | 170        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 1100    |           | 98.5   | 270 | 330        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 1600    |           | 80.6   | 130 | 170        | ug/Kg     |
| 218-01-9          | Chrysene                   | 1700    |           | 79.4   | 130 | 170        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 1700    |           | 90.9   | 130 | 170        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 1900    |           | 110    | 270 | 330        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 1600    |           | 81     | 130 | 170        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 1800    |           | 82.5   | 130 | 170        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 1900    |           | 92.9   | 130 | 170        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 1900    |           | 78     | 130 | 170        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 1900    |           | 81.1   | 130 | 170        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 1700    |           | 80     | 130 | 170        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 1700    |           | 86.7   | 130 | 170        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 1400    |           | 110    | 130 | 170        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 1900    |           | 74.7   | 130 | 170        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 1600    |           | 83.1   | 170 | 170        | ug/Kg     |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 149.119 |           | 18-112 |     | 99         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 147.418 |           | 15-107 |     | 98         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 125.597 | *         | 18-107 |     | 126        | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 100.509 |           | 20-109 |     | 101        | SPK: -100 |

## Report of Analysis

|                    |                     |                 |                        |
|--------------------|---------------------|-----------------|------------------------|
| Client:            |                     | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | PB165872BS          | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165872BS          | Matrix:         | Solid                  |
| Analytical Method: | 8270E               | % Moisture:     | 0                      |
| Sample Wt/Vol:     | 30.02      Units: g | Final Vol:      | 1000      uL           |
| Soil Aliquot Vol:  | uL                  | Test:           |                        |
| Extraction Type :  | Decanted :          | Level :         | LOW                    |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141027.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165872      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 182.859 | *         | 10-116 |     | 122        | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 105.466 |           | 10-105 |     | 105        | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 264760  | 6.828     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 1070876 | 8.11      |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 573870  | 9.863     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 955460  | 11.351    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 652372  | 13.992    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 637255  | 15.451    |        |     |            |           |

## Report of Analysis

|                    |                            |                 |                        |
|--------------------|----------------------------|-----------------|------------------------|
| Client:            |                            | Date Collected: | 12/20/2024 12:00:00 AM |
| Project:           |                            | Date Received:  | 12/20/2024 12:00:00 AM |
| Client Sample ID:  | TAPIAL3-IDW-SOIL-122024-T1 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5380-02                   | Matrix:         | water                  |
| Analytical Method: | 8270E                      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100                        | Units:          | mL                     |
| Soil Aliquot Vol:  |                            | Final Vol:      | 1000 uL                |
| Extraction Type :  |                            | Test:           |                        |
|                    | Decanted :                 | Level :         | LOW                    |
| Injection Volume : |                            | GPC Factor :    |                        |
|                    |                            | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141028.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 10.3  | U         | 10.3 | 80  | 100        | ug/L  |
| 110-86-1       | Pyridine                    | 15.5  | U         | 15.5 | 40  | 50         | ug/L  |
| 100-52-7       | Benzaldehyde                | 40    | U         | 40   | 80  | 100        | ug/L  |
| 62-53-3        | Aniline                     | 16    | U         | 16   | 40  | 50         | ug/L  |
| 108-95-2       | Phenol                      | 9.3   | U         | 9.3  | 40  | 50         | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 11.9  | U         | 11.9 | 40  | 50         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 7.1   | U         | 7.1  | 40  | 50         | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 8.8   | U         | 8.8  | 40  | 50         | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 8     | U         | 8    | 40  | 50         | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 8.4   | U         | 8.4  | 40  | 50         | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 16    | U         | 16   | 80  | 100        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 11.3  | U         | 11.3 | 40  | 50         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 13.5  | U         | 13.5 | 40  | 50         | ug/L  |
| 98-86-2        | Acetophenone                | 11    | U         | 11   | 40  | 50         | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 11.5  | U         | 11.5 | 80  | 100        | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 14.8  | U         | 14.8 | 25  | 25         | ug/L  |
| 67-72-1        | Hexachloroethane            | 10.1  | U         | 10.1 | 40  | 50         | ug/L  |
| 98-95-3        | Nitrobenzene                | 12.7  | U         | 12.7 | 40  | 50         | ug/L  |
| 78-59-1        | Isophorone                  | 11.4  | U         | 11.4 | 40  | 50         | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 19.6  | U         | 19.6 | 40  | 50         | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 15.1  | U         | 15.1 | 40  | 50         | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 10.2  | U         | 10.2 | 40  | 50         | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 8.8   | U         | 8.8  | 40  | 50         | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 11    | U         | 11   | 40  | 50         | ug/L  |
| 65-85-0        | Benzoic acid                | 54.7  | U         | 54.7 | 80  | 100        | ug/L  |
| 91-20-3        | Naphthalene                 | 10.2  | U         | 10.2 | 40  | 50         | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 13    | U         | 13   | 40  | 50         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 12.7  | U         | 12.7 | 40  | 50         | ug/L  |

## Report of Analysis

|                    |                            |                 |                        |
|--------------------|----------------------------|-----------------|------------------------|
| Client:            |                            | Date Collected: | 12/20/2024 12:00:00 AM |
| Project:           |                            | Date Received:  | 12/20/2024 12:00:00 AM |
| Client Sample ID:  | TAPIAL3-IDW-SOIL-122024-T1 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5380-02                   | Matrix:         | water                  |
| Analytical Method: | 8270E                      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100 Units: mL              | Final Vol:      | 1000 uL                |
| Soil Aliquot Vol:  | uL                         | Test:           |                        |
| Extraction Type :  | Decanted :                 | Level :         | LOW                    |
| Injection Volume : | GPC Factor :               | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141028.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 16.5  | U         | 16.5  | 80  | 100        | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 8.4   | U         | 8.4   | 40  | 50         | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 11.3  | U         | 11.3  | 40  | 50         | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 50.2  | U         | 50.2  | 80  | 100        | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 8.9   | U         | 8.9   | 40  | 50         | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 10.1  | U         | 10.1  | 40  | 50         | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 9.1   | U         | 9.1   | 40  | 50         | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 9.7   | U         | 9.7   | 40  | 50         | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 14.1  | U         | 14.1  | 40  | 50         | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 9.3   | U         | 9.3   | 40  | 50         | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 10.4  | U         | 10.4  | 40  | 50         | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 12.4  | U         | 12.4  | 40  | 50         | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 13.7  | U         | 13.7  | 40  | 50         | ug/L  |
| 83-32-9    | Acenaphthene                                    | 8.1   | U         | 8.1   | 40  | 50         | ug/L  |
| Total PAH  | Total PAH                                       | 172.9 | U         | 172.9 | 40  | 800        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 64.2  | U         | 64.2  | 80  | 100        | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 20    | U         | 20    | 80  | 100        | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 9.3   | U         | 9.3   | 40  | 50         | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 27.6  | U         | 27.6  | 40  | 100        | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 15.2  | U         | 15.2  | 40  | 50         | ug/L  |
| 84-66-2    | Diethylphthalate                                | 10.4  | U         | 10.4  | 40  | 50         | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 9.8   | U         | 9.8   | 40  | 50         | ug/L  |
| 86-73-7    | Fluorene                                        | 9.6   | U         | 9.6   | 40  | 50         | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 20.4  | U         | 20.4  | 40  | 50         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 30.7  | U         | 30.7  | 80  | 100        | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 8.9   | U         | 8.9   | 40  | 50         | ug/L  |
| 103-33-3   | Azobenzene                                      | 12    | U         | 12    | 40  | 50         | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 9.5   | U         | 9.5   | 40  | 50         | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 11.4  | U         | 11.4  | 40  | 50         | ug/L  |
| 1912-24-9  | Atrazine                                        | 12.6  | U         | 12.6  | 40  | 50         | ug/L  |

## Report of Analysis

|                    |                            |                 |                        |
|--------------------|----------------------------|-----------------|------------------------|
| Client:            |                            | Date Collected: | 12/20/2024 12:00:00 AM |
| Project:           |                            | Date Received:  | 12/20/2024 12:00:00 AM |
| Client Sample ID:  | TAPIAL3-IDW-SOIL-122024-T1 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5380-02                   | Matrix:         | water                  |
| Analytical Method: | 8270E                      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100                        | Units:          | mL                     |
| Soil Aliquot Vol:  |                            | Final Vol:      | 1000 uL                |
| Extraction Type :  |                            | Test:           |                        |
|                    | Decanted :                 | Level :         | LOW                    |
| Injection Volume : |                            | GPC Factor :    |                        |
|                    |                            | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141028.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 18.5    | U         | 18.5   | 80  | 100        | ug/L      |
| 85-01-8           | Phenanthrene               | 8.9     | U         | 8.9    | 40  | 50         | ug/L      |
| 120-12-7          | Anthracene                 | 10.7    | U         | 10.7   | 40  | 50         | ug/L      |
| 86-74-8           | Carbazole                  | 11.5    | U         | 11.5   | 40  | 50         | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 14.7    | U         | 14.7   | 40  | 50         | ug/L      |
| 206-44-0          | Fluoranthene               | 12.9    | U         | 12.9   | 40  | 50         | ug/L      |
| 92-87-5           | Benzidine                  | 40.7    | U         | 40.7   | 80  | 100        | ug/L      |
| 129-00-0          | Pyrene                     | 10.6    | U         | 10.6   | 40  | 50         | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 21      | U         | 21     | 40  | 50         | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 12.8    | U         | 12.8   | 80  | 100        | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 9.4     | U         | 9.4    | 40  | 50         | ug/L      |
| 218-01-9          | Chrysene                   | 8.6     | U         | 8.6    | 40  | 50         | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 18.9    | U         | 18.9   | 40  | 50         | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 25      | U         | 25     | 80  | 100        | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 11.4    | U         | 11.4   | 40  | 50         | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 11.9    | U         | 11.9   | 40  | 50         | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 16.7    | U         | 16.7   | 40  | 50         | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 10.2    | U         | 10.2   | 40  | 50         | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 11.5    | U         | 11.5   | 40  | 50         | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 11.8    | U         | 11.8   | 40  | 50         | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 10.9    | U         | 10.9   | 40  | 50         | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 12.5    | U         | 12.5   | 40  | 50         | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 7.9     | U         | 7.9    | 40  | 50         | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 8.6     | U         | 8.6    | 40  | 50         | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 122.293 |           | 10-139 |     | 82         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 110.186 |           | 10-134 |     | 73         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 115.159 |           | 49-133 |     | 115        | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 92.676  |           | 52-132 |     | 93         | SPK: -100 |

## Report of Analysis

|                    |                            |                 |                        |
|--------------------|----------------------------|-----------------|------------------------|
| Client:            |                            | Date Collected: | 12/20/2024 12:00:00 AM |
| Project:           |                            | Date Received:  | 12/20/2024 12:00:00 AM |
| Client Sample ID:  | TAPIAL3-IDW-SOIL-122024-T1 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5380-02                   | Matrix:         | water                  |
| Analytical Method: | 8270E                      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100      Units:    mL      | Final Vol:      | 1000      uL           |
| Soil Aliquot Vol:  | uL                         | Test:           |                        |
| Extraction Type :  | Decanted :                 | Level :         | LOW                    |
| Injection Volume : | GPC Factor :               | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141028.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 165.92  |           | 44-137 |     | 111        | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 90.667  |           | 48-125 |     | 91         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 253415  | 6.828     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 1011771 | 8.104     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 540531  | 9.857     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 938430  | 11.345    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 714431  | 13.98     |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 541596  | 15.445    |        |     |            |           |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 12/30/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/30/2024 12:00:00 AM |
| Client Sample ID:  | PB165900BL | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165900BL | Matrix:         | Solid                  |
| Analytical Method: | 8270E      | % Moisture:     | 0                      |
| Sample Wt/Vol:     | 30.01      | Units:          | g                      |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL                |
| Extraction Type :  |            | Test:           |                        |
|                    | Decanted : | Level :         | LOW                    |
| Injection Volume : |            | GPC Factor :    |                        |
|                    |            | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141032.D        | 1         | 12/30/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165900      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 86.8  | U         | 86.8 | 270 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 79.9  | U         | 79.9 | 130 | 170        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 180   | U         | 180  | 270 | 330        | ug/Kg |
| 62-53-3        | Aniline                     | 96.9  | U         | 96.9 | 130 | 170        | ug/Kg |
| 108-95-2       | Phenol                      | 82.9  | U         | 82.9 | 130 | 170        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 83.7  | U         | 83.7 | 130 | 170        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 83.5  | U         | 83.5 | 130 | 170        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 84.6  | U         | 84.6 | 130 | 170        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 86    | U         | 86   | 130 | 170        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 86.5  | U         | 86.5 | 130 | 170        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 83    | U         | 83   | 270 | 330        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 80.6  | U         | 80.6 | 130 | 170        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 90.9  | U         | 90.9 | 130 | 170        | ug/Kg |
| 98-86-2        | Acetophenone                | 86.9  | U         | 86.9 | 130 | 170        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 79.8  | U         | 79.8 | 270 | 330        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 40.3  | U         | 40.3 | 80  | 80         | ug/Kg |
| 67-72-1        | Hexachloroethane            | 83    | U         | 83   | 130 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 90.8  | U         | 90.8 | 130 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 84.6  | U         | 84.6 | 130 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 94.5  | U         | 94.5 | 130 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 93.2  | U         | 93.2 | 130 | 170        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 85.8  | U         | 85.8 | 130 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 75.5  | U         | 75.5 | 130 | 170        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 85.4  | U         | 85.4 | 130 | 170        | ug/Kg |
| 65-85-0        | Benzoic acid                | 240   | U         | 240  | 270 | 330        | ug/Kg |
| 91-20-3        | Naphthalene                 | 82.6  | U         | 82.6 | 130 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 82.6  | U         | 82.6 | 130 | 170        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 83.3  | U         | 83.3 | 130 | 170        | ug/Kg |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 12/30/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/30/2024 12:00:00 AM |
| Client Sample ID:  | PB165900BL | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165900BL | Matrix:         | Solid                  |
| Analytical Method: | 8270E      | % Moisture:     | 0                      |
| Sample Wt/Vol:     | 30.01      | Units:          | g                      |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL                |
| Extraction Type :  |            | Test:           |                        |
|                    | Decanted : | Level :         | LOW                    |
| Injection Volume : |            | GPC Factor :    |                        |
|                    |            | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141032.D        | 1         | 12/30/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165900      |

| CAS Number | Parameter                                       | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|--------|-----------|--------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 86.8   | U         | 86.8   | 270 | 330        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 77.5   | U         | 77.5   | 130 | 170        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 82.5   | U         | 82.5   | 130 | 170        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 160    | U         | 160    | 270 | 330        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 71.4   | U         | 71.4   | 130 | 170        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 74     | U         | 74     | 130 | 170        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 87.4   | U         | 87.4   | 130 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 83.3   | U         | 83.3   | 130 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 95     | U         | 95     | 130 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 81.7   | U         | 81.7   | 130 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 86.5   | U         | 86.5   | 130 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 83.2   | U         | 83.2   | 130 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 89.2   | U         | 89.2   | 130 | 170        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 81.1   | U         | 81.1   | 130 | 170        | ug/Kg |
| Total PAH  | Total PAH                                       | 1325.1 | U         | 1325.1 | 130 | 2720       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 240    | U         | 240    | 270 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 120    | U         | 120    | 270 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 84.4   | U         | 84.4   | 130 | 170        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 169.4  | U         | 169.4  | 130 | 340        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 86.2   | U         | 86.2   | 130 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 80.1   | U         | 80.1   | 130 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 85.6   | U         | 85.6   | 130 | 170        | ug/Kg |
| 86-73-7    | Fluorene                                        | 85.5   | U         | 85.5   | 130 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 110    | U         | 110    | 130 | 170        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 120    | U         | 120    | 270 | 330        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 81.6   | U         | 81.6   | 130 | 170        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 79.6   | U         | 79.6   | 130 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 78.9   | U         | 78.9   | 130 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 85     | U         | 85     | 130 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 91.4   | U         | 91.4   | 130 | 170        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 12/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/30/2024 12:00:00 AM |
| Client Sample ID:  | PB165900BL             | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165900BL             | Matrix:         | Solid                  |
| Analytical Method: | 8270E                  | % Moisture:     | 0                      |
| Sample Wt/Vol:     | 30.01      Units:    g | Final Vol:      | 1000              uL   |
| Soil Aliquot Vol:  | uL                     | Test:           |                        |
| Extraction Type :  | Decanted :             | Level :         | LOW                    |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141032.D        | 1         | 12/30/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165900      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 77.3    | U         | 77.3   | 270 | 330        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 84      | U         | 84     | 130 | 170        | ug/Kg     |
| 120-12-7          | Anthracene                 | 84.4    | U         | 84.4   | 130 | 170        | ug/Kg     |
| 86-74-8           | Carbazole                  | 80.3    | U         | 80.3   | 130 | 170        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 84.3    | U         | 84.3   | 130 | 170        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 81.7    | U         | 81.7   | 130 | 170        | ug/Kg     |
| 92-87-5           | Benzidine                  | 160     | U         | 160    | 270 | 330        | ug/Kg     |
| 129-00-0          | Pyrene                     | 83      | U         | 83     | 130 | 170        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 96.8    | U         | 96.8   | 130 | 170        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 98.6    | U         | 98.6   | 270 | 330        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 80.7    | U         | 80.7   | 130 | 170        | ug/Kg     |
| 218-01-9          | Chrysene                   | 79.5    | U         | 79.5   | 130 | 170        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 91      | U         | 91     | 130 | 170        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 110     | U         | 110    | 270 | 330        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 81.1    | U         | 81.1   | 130 | 170        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 82.6    | U         | 82.6   | 130 | 170        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 93      | U         | 93     | 130 | 170        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 78.1    | U         | 78.1   | 130 | 170        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 81.2    | U         | 81.2   | 130 | 170        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 80.1    | U         | 80.1   | 130 | 170        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 86.8    | U         | 86.8   | 130 | 170        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 110     | U         | 110    | 130 | 170        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 74.7    | U         | 74.7   | 130 | 170        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 83.2    | U         | 83.2   | 170 | 170        | ug/Kg     |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 131.469 |           | 18-112 |     | 88         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 126.468 |           | 15-107 |     | 84         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 111.272 | *         | 18-107 |     | 111        | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 90.345  |           | 20-109 |     | 90         | SPK: -100 |

## Report of Analysis

|                    |                     |                 |                        |
|--------------------|---------------------|-----------------|------------------------|
| Client:            |                     | Date Collected: | 12/30/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 12/30/2024 12:00:00 AM |
| Client Sample ID:  | PB165900BL          | SDG No.:        | BF123024               |
| Lab Sample ID:     | PB165900BL          | Matrix:         | Solid                  |
| Analytical Method: | 8270E               | % Moisture:     | 0                      |
| Sample Wt/Vol:     | 30.01      Units: g | Final Vol:      | 1000      uL           |
| Soil Aliquot Vol:  | uL                  | Test:           |                        |
| Extraction Type :  | Decanted :          | Level :         | LOW                    |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141032.D        | 1         | 12/30/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165900      |

| CAS Number                            | Parameter                   | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|-----------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol        | 158.885 |           | 10-116 |     | 106        | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14               | 85.444  |           | 10-105 |     | 85         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                             |         |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4      | 267196  | 6.828     |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8              | 1068855 | 8.104     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10            | 582448  | 9.857     |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10            | 998523  | 11.345    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                | 774271  | 13.98     |        |     |            |           |
| 1520-96-3                             | Perylene-d12                | 614257  | 15.445    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                             |         |           |        |     |            |           |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl- | 82.6    | J         |        |     | 2.163      |           |

## Report of Analysis

|                    |                  |                 |                        |
|--------------------|------------------|-----------------|------------------------|
| Client:            |                  | Date Collected: | 12/19/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 12/19/2024 12:00:00 AM |
| Client Sample ID:  | WC-SOIL-20241219 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5362-02         | Matrix:         | water                  |
| Analytical Method: | 8270E            | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100              | Units:          | mL                     |
| Soil Aliquot Vol:  |                  | Final Vol:      | 1000 uL                |
| Extraction Type :  |                  | Test:           |                        |
|                    | Decanted :       | Level :         | LOW                    |
| Injection Volume : |                  | GPC Factor :    |                        |
|                    |                  | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141033.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 10.3  | U         | 10.3 | 80  | 100        | ug/L  |
| 110-86-1       | Pyridine                    | 15.5  | U         | 15.5 | 40  | 50         | ug/L  |
| 100-52-7       | Benzaldehyde                | 40    | U         | 40   | 80  | 100        | ug/L  |
| 62-53-3        | Aniline                     | 16    | U         | 16   | 40  | 50         | ug/L  |
| 108-95-2       | Phenol                      | 9.3   | U         | 9.3  | 40  | 50         | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 11.9  | U         | 11.9 | 40  | 50         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 7.1   | U         | 7.1  | 40  | 50         | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 8.8   | U         | 8.8  | 40  | 50         | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 8     | U         | 8    | 40  | 50         | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 8.4   | U         | 8.4  | 40  | 50         | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 16    | U         | 16   | 80  | 100        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 11.3  | U         | 11.3 | 40  | 50         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 13.5  | U         | 13.5 | 40  | 50         | ug/L  |
| 98-86-2        | Acetophenone                | 11    | U         | 11   | 40  | 50         | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 11.5  | U         | 11.5 | 80  | 100        | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 14.8  | U         | 14.8 | 25  | 25         | ug/L  |
| 67-72-1        | Hexachloroethane            | 10.1  | U         | 10.1 | 40  | 50         | ug/L  |
| 98-95-3        | Nitrobenzene                | 12.7  | U         | 12.7 | 40  | 50         | ug/L  |
| 78-59-1        | Isophorone                  | 11.4  | U         | 11.4 | 40  | 50         | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 19.6  | U         | 19.6 | 40  | 50         | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 15.1  | U         | 15.1 | 40  | 50         | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 10.2  | U         | 10.2 | 40  | 50         | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 8.8   | U         | 8.8  | 40  | 50         | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 11    | U         | 11   | 40  | 50         | ug/L  |
| 65-85-0        | Benzoic acid                | 54.7  | U         | 54.7 | 80  | 100        | ug/L  |
| 91-20-3        | Naphthalene                 | 10.2  | U         | 10.2 | 40  | 50         | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 13    | U         | 13   | 40  | 50         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 12.7  | U         | 12.7 | 40  | 50         | ug/L  |

## Report of Analysis

|                    |                  |                 |                        |
|--------------------|------------------|-----------------|------------------------|
| Client:            |                  | Date Collected: | 12/19/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 12/19/2024 12:00:00 AM |
| Client Sample ID:  | WC-SOIL-20241219 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5362-02         | Matrix:         | water                  |
| Analytical Method: | 8270E            | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100              | Units:          | mL                     |
| Soil Aliquot Vol:  |                  | Final Vol:      | 1000                   |
|                    |                  | Test:           | uL                     |
| Extraction Type :  |                  | Decanted :      | Level :                |
|                    |                  |                 | LOW                    |
| Injection Volume : |                  | GPC Factor :    | GPC Cleanup :          |
|                    |                  |                 | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141033.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 16.5  | U         | 16.5  | 80  | 100        | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 8.4   | U         | 8.4   | 40  | 50         | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 11.3  | U         | 11.3  | 40  | 50         | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 50.2  | U         | 50.2  | 80  | 100        | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 8.9   | U         | 8.9   | 40  | 50         | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 10.1  | U         | 10.1  | 40  | 50         | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 9.1   | U         | 9.1   | 40  | 50         | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 9.7   | U         | 9.7   | 40  | 50         | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 14.1  | U         | 14.1  | 40  | 50         | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 9.3   | U         | 9.3   | 40  | 50         | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 10.4  | U         | 10.4  | 40  | 50         | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 12.4  | U         | 12.4  | 40  | 50         | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 13.7  | U         | 13.7  | 40  | 50         | ug/L  |
| 83-32-9    | Acenaphthene                                    | 8.1   | U         | 8.1   | 40  | 50         | ug/L  |
| Total PAH  | Total PAH                                       | 172.9 | U         | 172.9 | 40  | 800        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 64.2  | U         | 64.2  | 80  | 100        | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 20    | U         | 20    | 80  | 100        | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 9.3   | U         | 9.3   | 40  | 50         | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 27.6  | U         | 27.6  | 40  | 100        | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 15.2  | U         | 15.2  | 40  | 50         | ug/L  |
| 84-66-2    | Diethylphthalate                                | 10.4  | U         | 10.4  | 40  | 50         | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 9.8   | U         | 9.8   | 40  | 50         | ug/L  |
| 86-73-7    | Fluorene                                        | 9.6   | U         | 9.6   | 40  | 50         | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 20.4  | U         | 20.4  | 40  | 50         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 30.7  | U         | 30.7  | 80  | 100        | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 8.9   | U         | 8.9   | 40  | 50         | ug/L  |
| 103-33-3   | Azobenzene                                      | 12    | U         | 12    | 40  | 50         | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 9.5   | U         | 9.5   | 40  | 50         | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 11.4  | U         | 11.4  | 40  | 50         | ug/L  |
| 1912-24-9  | Atrazine                                        | 12.6  | U         | 12.6  | 40  | 50         | ug/L  |

## Report of Analysis

|                    |                  |                 |                        |
|--------------------|------------------|-----------------|------------------------|
| Client:            |                  | Date Collected: | 12/19/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 12/19/2024 12:00:00 AM |
| Client Sample ID:  | WC-SOIL-20241219 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5362-02         | Matrix:         | water                  |
| Analytical Method: | 8270E            | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100              | Units:          | mL                     |
| Soil Aliquot Vol:  |                  | Final Vol:      | 1000                   |
|                    |                  | Test:           | uL                     |
| Extraction Type :  |                  | Decanted :      | Level :                |
|                    |                  |                 | LOW                    |
| Injection Volume : |                  | GPC Factor :    | GPC Cleanup :          |
|                    |                  |                 | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141033.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 18.5    | U         | 18.5   | 80  | 100        | ug/L      |
| 85-01-8           | Phenanthrene               | 8.9     | U         | 8.9    | 40  | 50         | ug/L      |
| 120-12-7          | Anthracene                 | 10.7    | U         | 10.7   | 40  | 50         | ug/L      |
| 86-74-8           | Carbazole                  | 11.5    | U         | 11.5   | 40  | 50         | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 14.7    | U         | 14.7   | 40  | 50         | ug/L      |
| 206-44-0          | Fluoranthene               | 12.9    | U         | 12.9   | 40  | 50         | ug/L      |
| 92-87-5           | Benzidine                  | 90.5    | J         | 40.7   | 80  | 100        | ug/L      |
| 129-00-0          | Pyrene                     | 10.6    | U         | 10.6   | 40  | 50         | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 21      | U         | 21     | 40  | 50         | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 12.8    | U         | 12.8   | 80  | 100        | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 9.4     | U         | 9.4    | 40  | 50         | ug/L      |
| 218-01-9          | Chrysene                   | 8.6     | U         | 8.6    | 40  | 50         | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 18.9    | U         | 18.9   | 40  | 50         | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 25      | U         | 25     | 80  | 100        | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 11.4    | U         | 11.4   | 40  | 50         | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 11.9    | U         | 11.9   | 40  | 50         | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 16.7    | U         | 16.7   | 40  | 50         | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 10.2    | U         | 10.2   | 40  | 50         | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 11.5    | U         | 11.5   | 40  | 50         | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 11.8    | U         | 11.8   | 40  | 50         | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 10.9    | U         | 10.9   | 40  | 50         | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 12.5    | U         | 12.5   | 40  | 50         | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 7.9     | U         | 7.9    | 40  | 50         | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 8.6     | U         | 8.6    | 40  | 50         | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 150.849 |           | 10-139 |     | 101        | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 142.253 |           | 10-134 |     | 95         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 130.568 |           | 49-133 |     | 131        | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 103.259 |           | 52-132 |     | 103        | SPK: -100 |

## Report of Analysis

|                    |                       |                 |                        |
|--------------------|-----------------------|-----------------|------------------------|
| Client:            |                       | Date Collected: | 12/19/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 12/19/2024 12:00:00 AM |
| Client Sample ID:  | WC-SOIL-20241219      | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5362-02              | Matrix:         | water                  |
| Analytical Method: | 8270E                 | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100      Units:    mL | Final Vol:      | 1000      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                        |
| Extraction Type :  | Decanted :            | Level :         | LOW                    |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141033.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 190.056 |           | 44-137 |     | 127        | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 105.264 |           | 48-125 |     | 105        | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 234997  | 6.828     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 939786  | 8.104     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 505899  | 9.857     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 867838  | 11.339    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 598109  | 13.98     |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 465570  | 15.439    |        |     |            |           |

## Report of Analysis

|                    |                    |                 |                        |
|--------------------|--------------------|-----------------|------------------------|
| Client:            |                    | Date Collected: | 12/19/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 12/19/2024 12:00:00 AM |
| Client Sample ID:  | WC-SOIL-20241219MS | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5362-02MS         | Matrix:         | water                  |
| Analytical Method: | 8270E              | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100                | Units:          | mL                     |
| Soil Aliquot Vol:  |                    | Final Vol:      | 1000 uL                |
| Extraction Type :  |                    | Test:           |                        |
|                    | Decanted :         | Level :         | LOW                    |
| Injection Volume : |                    | GPC Factor :    |                        |
|                    |                    | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141034.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 490   |           | 10.3 | 80  | 100        | ug/L  |
| 110-86-1       | Pyridine                    | 310   |           | 15.5 | 40  | 50         | ug/L  |
| 100-52-7       | Benzaldehyde                | 40    | U         | 40   | 80  | 100        | ug/L  |
| 62-53-3        | Aniline                     | 200   |           | 16   | 40  | 50         | ug/L  |
| 108-95-2       | Phenol                      | 510   |           | 9.3  | 40  | 50         | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 500   |           | 11.9 | 40  | 50         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 550   |           | 7.1  | 40  | 50         | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 500   |           | 8.8  | 40  | 50         | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 490   |           | 8    | 40  | 50         | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 490   |           | 8.4  | 40  | 50         | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 520   |           | 16   | 80  | 100        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 530   |           | 11.3 | 40  | 50         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 510   |           | 13.5 | 40  | 50         | ug/L  |
| 98-86-2        | Acetophenone                | 500   |           | 11   | 40  | 50         | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 510   |           | 11.5 | 80  | 100        | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 510   |           | 14.8 | 25  | 25         | ug/L  |
| 67-72-1        | Hexachloroethane            | 510   |           | 10.1 | 40  | 50         | ug/L  |
| 98-95-3        | Nitrobenzene                | 560   |           | 12.7 | 40  | 50         | ug/L  |
| 78-59-1        | Isophorone                  | 520   |           | 11.4 | 40  | 50         | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 630   |           | 19.6 | 40  | 50         | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 620   |           | 15.1 | 40  | 50         | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 500   |           | 10.2 | 40  | 50         | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 550   |           | 8.8  | 40  | 50         | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 490   |           | 11   | 40  | 50         | ug/L  |
| 65-85-0        | Benzoic acid                | 560   |           | 54.7 | 80  | 100        | ug/L  |
| 91-20-3        | Naphthalene                 | 490   |           | 10.2 | 40  | 50         | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 49.5  | J         | 13   | 40  | 50         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 490   |           | 12.7 | 40  | 50         | ug/L  |

## Report of Analysis

|                    |                    |                 |                        |
|--------------------|--------------------|-----------------|------------------------|
| Client:            |                    | Date Collected: | 12/19/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 12/19/2024 12:00:00 AM |
| Client Sample ID:  | WC-SOIL-20241219MS | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5362-02MS         | Matrix:         | water                  |
| Analytical Method: | 8270E              | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100 Units: mL      | Final Vol:      | 1000 uL                |
| Soil Aliquot Vol:  | uL                 | Test:           |                        |
| Extraction Type :  | Decanted :         | Level :         | LOW                    |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141034.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 430   |           | 16.5  | 80  | 100        | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 530   |           | 8.4   | 40  | 50         | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 510   |           | 11.3  | 40  | 50         | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 1600  | E         | 50.2  | 80  | 100        | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 580   |           | 8.9   | 40  | 50         | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 550   |           | 10.1  | 40  | 50         | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 520   |           | 9.1   | 40  | 50         | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 500   |           | 9.7   | 40  | 50         | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 600   |           | 14.1  | 40  | 50         | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 540   |           | 9.3   | 40  | 50         | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 550   |           | 10.4  | 40  | 50         | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 590   |           | 12.4  | 40  | 50         | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 170   |           | 13.7  | 40  | 50         | ug/L  |
| 83-32-9    | Acenaphthene                                    | 590   |           | 8.1   | 40  | 50         | ug/L  |
| Total PAH  | Total PAH                                       | 8930  |           | 172.9 | 40  | 800        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 1200  | E         | 64.2  | 80  | 100        | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 1200  | E         | 20    | 80  | 100        | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 530   |           | 9.3   | 40  | 50         | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 640   |           | 15.2  | 40  | 50         | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 230   |           | 27.6  | 40  | 100        | ug/L  |
| 84-66-2    | Diethylphthalate                                | 530   |           | 10.4  | 40  | 50         | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 520   |           | 9.8   | 40  | 50         | ug/L  |
| 86-73-7    | Fluorene                                        | 510   |           | 9.6   | 40  | 50         | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 490   |           | 20.4  | 40  | 50         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 770   |           | 30.7  | 80  | 100        | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 530   |           | 8.9   | 40  | 50         | ug/L  |
| 103-33-3   | Azobenzene                                      | 510   |           | 12    | 40  | 50         | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 560   |           | 9.5   | 40  | 50         | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 560   |           | 11.4  | 40  | 50         | ug/L  |
| 1912-24-9  | Atrazine                                        | 460   |           | 12.6  | 40  | 50         | ug/L  |

## Report of Analysis

|                    |                    |                 |                        |
|--------------------|--------------------|-----------------|------------------------|
| Client:            |                    | Date Collected: | 12/19/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 12/19/2024 12:00:00 AM |
| Client Sample ID:  | WC-SOIL-20241219MS | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5362-02MS         | Matrix:         | water                  |
| Analytical Method: | 8270E              | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100                | Units:          | mL                     |
| Soil Aliquot Vol:  |                    | Final Vol:      | 1000                   |
|                    |                    | Test:           | uL                     |
| Extraction Type :  |                    | Decanted :      | Level :                |
|                    |                    |                 | LOW                    |
| Injection Volume : |                    | GPC Factor :    | GPC Cleanup :          |
|                    |                    |                 | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141034.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 1200    | E         | 18.5   | 80  | 100        | ug/L      |
| 85-01-8           | Phenanthrene               | 550     |           | 8.9    | 40  | 50         | ug/L      |
| 120-12-7          | Anthracene                 | 560     |           | 10.7   | 40  | 50         | ug/L      |
| 86-74-8           | Carbazole                  | 510     |           | 11.5   | 40  | 50         | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 550     |           | 14.7   | 40  | 50         | ug/L      |
| 206-44-0          | Fluoranthene               | 510     |           | 12.9   | 40  | 50         | ug/L      |
| 92-87-5           | Benzidine                  | 42.4    | J         | 40.7   | 80  | 100        | ug/L      |
| 129-00-0          | Pyrene                     | 580     |           | 10.6   | 40  | 50         | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 640     |           | 21     | 40  | 50         | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 130     |           | 12.8   | 80  | 100        | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 520     |           | 9.4    | 40  | 50         | ug/L      |
| 218-01-9          | Chrysene                   | 520     |           | 8.6    | 40  | 50         | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 560     |           | 18.9   | 40  | 50         | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 560     |           | 25     | 80  | 100        | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 470     |           | 11.4   | 40  | 50         | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 570     |           | 11.9   | 40  | 50         | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 570     |           | 16.7   | 40  | 50         | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 670     |           | 10.2   | 40  | 50         | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 670     |           | 11.5   | 40  | 50         | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 600     |           | 11.8   | 40  | 50         | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 520     |           | 10.9   | 40  | 50         | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 470     |           | 12.5   | 40  | 50         | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 600     |           | 7.9    | 40  | 50         | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 490     |           | 8.6    | 40  | 50         | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 149.563 |           | 10-139 |     | 100        | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 146.576 |           | 10-134 |     | 98         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 128.884 |           | 49-133 |     | 129        | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 102.249 |           | 52-132 |     | 102        | SPK: -100 |

## Report of Analysis

|                    |                       |                 |                        |
|--------------------|-----------------------|-----------------|------------------------|
| Client:            |                       | Date Collected: | 12/19/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 12/19/2024 12:00:00 AM |
| Client Sample ID:  | WC-SOIL-20241219MS    | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5362-02MS            | Matrix:         | water                  |
| Analytical Method: | 8270E                 | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100      Units:    mL | Final Vol:      | 1000      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                        |
| Extraction Type :  | Decanted :            | Level :         | LOW                    |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141034.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 187.966 |           | 44-137 |     | 125        | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 112.723 |           | 48-125 |     | 113        | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 251281  | 6.828     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 1011696 | 8.11      |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 535091  | 9.863     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 915514  | 11.345    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 535605  | 13.986    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 510431  | 15.445    |        |     |            |           |

## Report of Analysis

|                    |                     |                 |                        |
|--------------------|---------------------|-----------------|------------------------|
| Client:            |                     | Date Collected: | 12/19/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 12/19/2024 12:00:00 AM |
| Client Sample ID:  | WC-SOIL-20241219MSD | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5362-02MSD         | Matrix:         | water                  |
| Analytical Method: | 8270E               | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100                 | Units:          | mL                     |
| Soil Aliquot Vol:  |                     | Final Vol:      | 1000 uL                |
| Extraction Type :  |                     | Test:           |                        |
|                    | Decanted :          | Level :         | LOW                    |
| Injection Volume : |                     | GPC Factor :    |                        |
|                    |                     | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141035.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 480   |           | 10.3 | 80  | 100        | ug/L  |
| 110-86-1       | Pyridine                    | 330   |           | 15.5 | 40  | 50         | ug/L  |
| 100-52-7       | Benzaldehyde                | 40    | U         | 40   | 80  | 100        | ug/L  |
| 62-53-3        | Aniline                     | 170   |           | 16   | 40  | 50         | ug/L  |
| 108-95-2       | Phenol                      | 490   |           | 9.3  | 40  | 50         | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 480   |           | 11.9 | 40  | 50         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 530   |           | 7.1  | 40  | 50         | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 490   |           | 8.8  | 40  | 50         | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 470   |           | 8    | 40  | 50         | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 470   |           | 8.4  | 40  | 50         | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 500   |           | 16   | 80  | 100        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 520   |           | 11.3 | 40  | 50         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 500   |           | 13.5 | 40  | 50         | ug/L  |
| 98-86-2        | Acetophenone                | 490   |           | 11   | 40  | 50         | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 500   |           | 11.5 | 80  | 100        | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 500   |           | 14.8 | 25  | 25         | ug/L  |
| 67-72-1        | Hexachloroethane            | 500   |           | 10.1 | 40  | 50         | ug/L  |
| 98-95-3        | Nitrobenzene                | 550   |           | 12.7 | 40  | 50         | ug/L  |
| 78-59-1        | Isophorone                  | 520   |           | 11.4 | 40  | 50         | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 640   |           | 19.6 | 40  | 50         | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 620   |           | 15.1 | 40  | 50         | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 500   |           | 10.2 | 40  | 50         | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 540   |           | 8.8  | 40  | 50         | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 480   |           | 11   | 40  | 50         | ug/L  |
| 65-85-0        | Benzoic acid                | 560   |           | 54.7 | 80  | 100        | ug/L  |
| 91-20-3        | Naphthalene                 | 480   |           | 10.2 | 40  | 50         | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 53.2  |           | 13   | 40  | 50         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 490   |           | 12.7 | 40  | 50         | ug/L  |

## Report of Analysis

|                    |                     |                 |                        |
|--------------------|---------------------|-----------------|------------------------|
| Client:            |                     | Date Collected: | 12/19/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 12/19/2024 12:00:00 AM |
| Client Sample ID:  | WC-SOIL-20241219MSD | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5362-02MSD         | Matrix:         | water                  |
| Analytical Method: | 8270E               | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100 Units: mL       | Final Vol:      | 1000 uL                |
| Soil Aliquot Vol:  | uL                  | Test:           |                        |
| Extraction Type :  | Decanted :          | Level :         | LOW                    |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141035.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 440   |           | 16.5  | 80  | 100        | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 530   |           | 8.4   | 40  | 50         | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 500   |           | 11.3  | 40  | 50         | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 1700  | E         | 50.2  | 80  | 100        | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 570   |           | 8.9   | 40  | 50         | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 530   |           | 10.1  | 40  | 50         | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 500   |           | 9.1   | 40  | 50         | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 490   |           | 9.7   | 40  | 50         | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 580   |           | 14.1  | 40  | 50         | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 530   |           | 9.3   | 40  | 50         | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 520   |           | 10.4  | 40  | 50         | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 580   |           | 12.4  | 40  | 50         | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 150   |           | 13.7  | 40  | 50         | ug/L  |
| 83-32-9    | Acenaphthene                                    | 580   |           | 8.1   | 40  | 50         | ug/L  |
| Total PAH  | Total PAH                                       | 8560  |           | 172.9 | 40  | 800        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 1300  | E         | 64.2  | 80  | 100        | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 1200  | E         | 20    | 80  | 100        | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 510   |           | 9.3   | 40  | 50         | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 210   |           | 27.6  | 40  | 100        | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 630   |           | 15.2  | 40  | 50         | ug/L  |
| 84-66-2    | Diethylphthalate                                | 520   |           | 10.4  | 40  | 50         | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 500   |           | 9.8   | 40  | 50         | ug/L  |
| 86-73-7    | Fluorene                                        | 500   |           | 9.6   | 40  | 50         | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 460   |           | 20.4  | 40  | 50         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 760   |           | 30.7  | 80  | 100        | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 480   |           | 8.9   | 40  | 50         | ug/L  |
| 103-33-3   | Azobenzene                                      | 500   |           | 12    | 40  | 50         | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 550   |           | 9.5   | 40  | 50         | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 540   |           | 11.4  | 40  | 50         | ug/L  |
| 1912-24-9  | Atrazine                                        | 390   |           | 12.6  | 40  | 50         | ug/L  |

## Report of Analysis

|                    |                     |                 |                        |
|--------------------|---------------------|-----------------|------------------------|
| Client:            |                     | Date Collected: | 12/19/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 12/19/2024 12:00:00 AM |
| Client Sample ID:  | WC-SOIL-20241219MSD | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5362-02MSD         | Matrix:         | water                  |
| Analytical Method: | 8270E               | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100                 | Units:          | mL                     |
| Soil Aliquot Vol:  |                     | Final Vol:      | 1000                   |
|                    |                     | Test:           | uL                     |
| Extraction Type :  |                     | Decanted :      | Level :                |
|                    |                     |                 | LOW                    |
| Injection Volume : |                     | GPC Factor :    | GPC Cleanup :          |
|                    |                     |                 | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141035.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 1100    | E         | 18.5   | 80  | 100        | ug/L      |
| 85-01-8           | Phenanthrene               | 530     |           | 8.9    | 40  | 50         | ug/L      |
| 120-12-7          | Anthracene                 | 540     |           | 10.7   | 40  | 50         | ug/L      |
| 86-74-8           | Carbazole                  | 480     |           | 11.5   | 40  | 50         | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 530     |           | 14.7   | 40  | 50         | ug/L      |
| 206-44-0          | Fluoranthene               | 500     |           | 12.9   | 40  | 50         | ug/L      |
| 92-87-5           | Benzidine                  | 40.7    | U         | 40.7   | 80  | 100        | ug/L      |
| 129-00-0          | Pyrene                     | 530     |           | 10.6   | 40  | 50         | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 590     |           | 21     | 40  | 50         | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 77.4    | J         | 12.8   | 80  | 100        | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 480     |           | 9.4    | 40  | 50         | ug/L      |
| 218-01-9          | Chrysene                   | 510     |           | 8.6    | 40  | 50         | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 540     |           | 18.9   | 40  | 50         | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 550     |           | 25     | 80  | 100        | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 520     |           | 11.4   | 40  | 50         | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 530     |           | 11.9   | 40  | 50         | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 560     |           | 16.7   | 40  | 50         | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 610     |           | 10.2   | 40  | 50         | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 620     |           | 11.5   | 40  | 50         | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 550     |           | 11.8   | 40  | 50         | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 500     |           | 10.9   | 40  | 50         | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 450     |           | 12.5   | 40  | 50         | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 580     |           | 7.9    | 40  | 50         | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 480     |           | 8.6    | 40  | 50         | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 144.435 |           | 10-139 |     | 96         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 141.549 |           | 10-134 |     | 94         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 127.563 |           | 49-133 |     | 128        | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 99.822  |           | 52-132 |     | 100        | SPK: -100 |

## Report of Analysis

|                    |                       |                 |                        |
|--------------------|-----------------------|-----------------|------------------------|
| Client:            |                       | Date Collected: | 12/19/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 12/19/2024 12:00:00 AM |
| Client Sample ID:  | WC-SOIL-20241219MSD   | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5362-02MSD           | Matrix:         | water                  |
| Analytical Method: | 8270E                 | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100      Units:    mL | Final Vol:      | 1000      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                        |
| Extraction Type :  | Decanted :            | Level :         | LOW                    |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141035.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 183.985 |           | 44-137 |     | 123        | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 101.454 |           | 48-125 |     | 101        | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 266874  | 6.828     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 1059947 | 8.11      |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 575830  | 9.863     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 989877  | 11.345    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 628524  | 13.986    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 549749  | 15.439    |        |     |            |           |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 12/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 12/26/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00398 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5386-02     | Matrix:         | water                  |
| Analytical Method: | 8270E        | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100          | Units:          | mL                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL                |
| Extraction Type :  |              | Test:           |                        |
|                    | Decanted :   | Level :         | LOW                    |
| Injection Volume : |              | GPC Factor :    |                        |
|                    |              | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141036.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 10.3  | U         | 10.3 | 80  | 100        | ug/L  |
| 110-86-1       | Pyridine                    | 15.5  | U         | 15.5 | 40  | 50         | ug/L  |
| 100-52-7       | Benzaldehyde                | 40    | U         | 40   | 80  | 100        | ug/L  |
| 62-53-3        | Aniline                     | 16    | U         | 16   | 40  | 50         | ug/L  |
| 108-95-2       | Phenol                      | 9.3   | U         | 9.3  | 40  | 50         | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 11.9  | U         | 11.9 | 40  | 50         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 7.1   | U         | 7.1  | 40  | 50         | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 8.8   | U         | 8.8  | 40  | 50         | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 8     | U         | 8    | 40  | 50         | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 8.4   | U         | 8.4  | 40  | 50         | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 16    | U         | 16   | 80  | 100        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 11.3  | U         | 11.3 | 40  | 50         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 13.5  | U         | 13.5 | 40  | 50         | ug/L  |
| 98-86-2        | Acetophenone                | 11    | U         | 11   | 40  | 50         | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 11.5  | U         | 11.5 | 80  | 100        | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 14.8  | U         | 14.8 | 25  | 25         | ug/L  |
| 67-72-1        | Hexachloroethane            | 10.1  | U         | 10.1 | 40  | 50         | ug/L  |
| 98-95-3        | Nitrobenzene                | 12.7  | U         | 12.7 | 40  | 50         | ug/L  |
| 78-59-1        | Isophorone                  | 11.4  | U         | 11.4 | 40  | 50         | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 19.6  | U         | 19.6 | 40  | 50         | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 15.1  | U         | 15.1 | 40  | 50         | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 10.2  | U         | 10.2 | 40  | 50         | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 8.8   | U         | 8.8  | 40  | 50         | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 11    | U         | 11   | 40  | 50         | ug/L  |
| 65-85-0        | Benzoic acid                | 54.7  | U         | 54.7 | 80  | 100        | ug/L  |
| 91-20-3        | Naphthalene                 | 10.2  | U         | 10.2 | 40  | 50         | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 13    | U         | 13   | 40  | 50         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 12.7  | U         | 12.7 | 40  | 50         | ug/L  |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 12/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 12/26/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00398 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5386-02     | Matrix:         | water                  |
| Analytical Method: | 8270E        | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100          | Units:          | mL                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL                |
| Extraction Type :  |              | Test:           |                        |
|                    | Decanted :   | Level :         | LOW                    |
| Injection Volume : |              | GPC Factor :    |                        |
|                    |              | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141036.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 16.5  | U         | 16.5  | 80  | 100        | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 8.4   | U         | 8.4   | 40  | 50         | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 11.3  | U         | 11.3  | 40  | 50         | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 50.2  | U         | 50.2  | 80  | 100        | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 8.9   | U         | 8.9   | 40  | 50         | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 10.1  | U         | 10.1  | 40  | 50         | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 9.1   | U         | 9.1   | 40  | 50         | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 9.7   | U         | 9.7   | 40  | 50         | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 14.1  | U         | 14.1  | 40  | 50         | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 9.3   | U         | 9.3   | 40  | 50         | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 10.4  | U         | 10.4  | 40  | 50         | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 12.4  | U         | 12.4  | 40  | 50         | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 13.7  | U         | 13.7  | 40  | 50         | ug/L  |
| 83-32-9    | Acenaphthene                                    | 8.1   | U         | 8.1   | 40  | 50         | ug/L  |
| Total PAH  | Total PAH                                       | 172.9 | U         | 172.9 | 40  | 800        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 64.2  | U         | 64.2  | 80  | 100        | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 20    | U         | 20    | 80  | 100        | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 9.3   | U         | 9.3   | 40  | 50         | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 27.6  | U         | 27.6  | 40  | 100        | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 15.2  | U         | 15.2  | 40  | 50         | ug/L  |
| 84-66-2    | Diethylphthalate                                | 10.4  | U         | 10.4  | 40  | 50         | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 9.8   | U         | 9.8   | 40  | 50         | ug/L  |
| 86-73-7    | Fluorene                                        | 9.6   | U         | 9.6   | 40  | 50         | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 20.4  | U         | 20.4  | 40  | 50         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 30.7  | U         | 30.7  | 80  | 100        | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 8.9   | U         | 8.9   | 40  | 50         | ug/L  |
| 103-33-3   | Azobenzene                                      | 12    | U         | 12    | 40  | 50         | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 9.5   | U         | 9.5   | 40  | 50         | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 11.4  | U         | 11.4  | 40  | 50         | ug/L  |
| 1912-24-9  | Atrazine                                        | 12.6  | U         | 12.6  | 40  | 50         | ug/L  |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 12/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 12/26/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00398 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5386-02     | Matrix:         | water                  |
| Analytical Method: | 8270E        | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100          | Units:          | mL                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL                |
| Extraction Type :  |              | Test:           |                        |
|                    | Decanted :   | Level :         | LOW                    |
| Injection Volume : |              | GPC Factor :    |                        |
|                    |              | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141036.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 18.5    | U         | 18.5   | 80  | 100        | ug/L      |
| 85-01-8           | Phenanthrene               | 8.9     | U         | 8.9    | 40  | 50         | ug/L      |
| 120-12-7          | Anthracene                 | 10.7    | U         | 10.7   | 40  | 50         | ug/L      |
| 86-74-8           | Carbazole                  | 11.5    | U         | 11.5   | 40  | 50         | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 14.7    | U         | 14.7   | 40  | 50         | ug/L      |
| 206-44-0          | Fluoranthene               | 12.9    | U         | 12.9   | 40  | 50         | ug/L      |
| 92-87-5           | Benzidine                  | 40.7    | U         | 40.7   | 80  | 100        | ug/L      |
| 129-00-0          | Pyrene                     | 10.6    | U         | 10.6   | 40  | 50         | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 21      | U         | 21     | 40  | 50         | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 12.8    | U         | 12.8   | 80  | 100        | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 9.4     | U         | 9.4    | 40  | 50         | ug/L      |
| 218-01-9          | Chrysene                   | 8.6     | U         | 8.6    | 40  | 50         | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 18.9    | U         | 18.9   | 40  | 50         | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 25      | U         | 25     | 80  | 100        | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 11.4    | U         | 11.4   | 40  | 50         | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 11.9    | U         | 11.9   | 40  | 50         | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 16.7    | U         | 16.7   | 40  | 50         | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 10.2    | U         | 10.2   | 40  | 50         | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 11.5    | U         | 11.5   | 40  | 50         | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 11.8    | U         | 11.8   | 40  | 50         | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 10.9    | U         | 10.9   | 40  | 50         | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 12.5    | U         | 12.5   | 40  | 50         | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 7.9     | U         | 7.9    | 40  | 50         | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 8.6     | U         | 8.6    | 40  | 50         | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 124.527 |           | 10-139 |     | 83         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 113.901 |           | 10-134 |     | 76         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 94.953  |           | 49-133 |     | 95         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 89.858  |           | 52-132 |     | 90         | SPK: -100 |

## Report of Analysis

|                    |                       |                 |                        |
|--------------------|-----------------------|-----------------|------------------------|
| Client:            |                       | Date Collected: | 12/26/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 12/26/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00398          | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5386-02              | Matrix:         | water                  |
| Analytical Method: | 8270E                 | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100      Units:    mL | Final Vol:      | 1000      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                        |
| Extraction Type :  | Decanted :            | Level :         | LOW                    |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141036.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 160.131 |           | 44-137 |     | 107        | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 96.023  |           | 48-125 |     | 96         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 256286  | 6.828     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 1238070 | 8.104     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 564716  | 9.857     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 957586  | 11.339    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 646175  | 13.98     |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 526285  | 15.433    |        |     |            |           |

## Report of Analysis

|                    |                 |                 |                        |
|--------------------|-----------------|-----------------|------------------------|
| Client:            |                 | Date Collected: | 12/26/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 12/26/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00395-96 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5386-04        | Matrix:         | water                  |
| Analytical Method: | 8270E           | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100 Units: mL   | Final Vol:      | 1000 uL                |
| Soil Aliquot Vol:  | uL              | Test:           |                        |
| Extraction Type :  | Decanted :      | Level :         | LOW                    |
| Injection Volume : | GPC Factor :    | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141037.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 10.3  | U         | 10.3 | 80  | 100        | ug/L  |
| 110-86-1       | Pyridine                    | 15.5  | U         | 15.5 | 40  | 50         | ug/L  |
| 100-52-7       | Benzaldehyde                | 40    | U         | 40   | 80  | 100        | ug/L  |
| 62-53-3        | Aniline                     | 16    | U         | 16   | 40  | 50         | ug/L  |
| 108-95-2       | Phenol                      | 9.3   | U         | 9.3  | 40  | 50         | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 11.9  | U         | 11.9 | 40  | 50         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 7.1   | U         | 7.1  | 40  | 50         | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 8.8   | U         | 8.8  | 40  | 50         | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 8     | U         | 8    | 40  | 50         | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 8.4   | U         | 8.4  | 40  | 50         | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 16    | U         | 16   | 80  | 100        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 11.3  | U         | 11.3 | 40  | 50         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 13.5  | U         | 13.5 | 40  | 50         | ug/L  |
| 98-86-2        | Acetophenone                | 11    | U         | 11   | 40  | 50         | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 11.5  | U         | 11.5 | 80  | 100        | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 14.8  | U         | 14.8 | 25  | 25         | ug/L  |
| 67-72-1        | Hexachloroethane            | 10.1  | U         | 10.1 | 40  | 50         | ug/L  |
| 98-95-3        | Nitrobenzene                | 12.7  | U         | 12.7 | 40  | 50         | ug/L  |
| 78-59-1        | Isophorone                  | 11.4  | U         | 11.4 | 40  | 50         | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 19.6  | U         | 19.6 | 40  | 50         | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 15.1  | U         | 15.1 | 40  | 50         | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 10.2  | U         | 10.2 | 40  | 50         | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 8.8   | U         | 8.8  | 40  | 50         | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 11    | U         | 11   | 40  | 50         | ug/L  |
| 65-85-0        | Benzoic acid                | 54.7  | U         | 54.7 | 80  | 100        | ug/L  |
| 91-20-3        | Naphthalene                 | 10.2  | U         | 10.2 | 40  | 50         | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 13    | U         | 13   | 40  | 50         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 12.7  | U         | 12.7 | 40  | 50         | ug/L  |

## Report of Analysis

|                    |                 |                 |                        |
|--------------------|-----------------|-----------------|------------------------|
| Client:            |                 | Date Collected: | 12/26/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 12/26/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00395-96 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5386-04        | Matrix:         | water                  |
| Analytical Method: | 8270E           | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100 Units: mL   | Final Vol:      | 1000 uL                |
| Soil Aliquot Vol:  | uL              | Test:           |                        |
| Extraction Type :  | Decanted :      | Level :         | LOW                    |
| Injection Volume : | GPC Factor :    | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141037.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 16.5  | U         | 16.5  | 80  | 100        | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 8.4   | U         | 8.4   | 40  | 50         | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 11.3  | U         | 11.3  | 40  | 50         | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 50.2  | U         | 50.2  | 80  | 100        | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 8.9   | U         | 8.9   | 40  | 50         | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 10.1  | U         | 10.1  | 40  | 50         | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 9.1   | U         | 9.1   | 40  | 50         | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 9.7   | U         | 9.7   | 40  | 50         | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 14.1  | U         | 14.1  | 40  | 50         | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 9.3   | U         | 9.3   | 40  | 50         | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 10.4  | U         | 10.4  | 40  | 50         | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 12.4  | U         | 12.4  | 40  | 50         | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 13.7  | U         | 13.7  | 40  | 50         | ug/L  |
| 83-32-9    | Acenaphthene                                    | 8.1   | U         | 8.1   | 40  | 50         | ug/L  |
| Total PAH  | Total PAH                                       | 172.9 | U         | 172.9 | 40  | 800        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 64.2  | U         | 64.2  | 80  | 100        | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 20    | U         | 20    | 80  | 100        | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 9.3   | U         | 9.3   | 40  | 50         | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 27.6  | U         | 27.6  | 40  | 100        | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 15.2  | U         | 15.2  | 40  | 50         | ug/L  |
| 84-66-2    | Diethylphthalate                                | 10.4  | U         | 10.4  | 40  | 50         | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 9.8   | U         | 9.8   | 40  | 50         | ug/L  |
| 86-73-7    | Fluorene                                        | 9.6   | U         | 9.6   | 40  | 50         | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 20.4  | U         | 20.4  | 40  | 50         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 30.7  | U         | 30.7  | 80  | 100        | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 8.9   | U         | 8.9   | 40  | 50         | ug/L  |
| 103-33-3   | Azobenzene                                      | 12    | U         | 12    | 40  | 50         | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 9.5   | U         | 9.5   | 40  | 50         | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 11.4  | U         | 11.4  | 40  | 50         | ug/L  |
| 1912-24-9  | Atrazine                                        | 12.6  | U         | 12.6  | 40  | 50         | ug/L  |

## Report of Analysis

|                    |                 |                 |                        |
|--------------------|-----------------|-----------------|------------------------|
| Client:            |                 | Date Collected: | 12/26/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 12/26/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00395-96 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5386-04        | Matrix:         | water                  |
| Analytical Method: | 8270E           | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100             | Units:          | mL                     |
| Soil Aliquot Vol:  |                 | Final Vol:      | 1000 uL                |
| Extraction Type :  |                 | Test:           |                        |
|                    | Decanted :      | Level :         | LOW                    |
| Injection Volume : |                 | GPC Factor :    |                        |
|                    |                 | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141037.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 18.5    | U         | 18.5   | 80  | 100        | ug/L      |
| 85-01-8           | Phenanthrene               | 8.9     | U         | 8.9    | 40  | 50         | ug/L      |
| 120-12-7          | Anthracene                 | 10.7    | U         | 10.7   | 40  | 50         | ug/L      |
| 86-74-8           | Carbazole                  | 11.5    | U         | 11.5   | 40  | 50         | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 14.7    | U         | 14.7   | 40  | 50         | ug/L      |
| 206-44-0          | Fluoranthene               | 12.9    | U         | 12.9   | 40  | 50         | ug/L      |
| 92-87-5           | Benzidine                  | 40.7    | U         | 40.7   | 80  | 100        | ug/L      |
| 129-00-0          | Pyrene                     | 10.6    | U         | 10.6   | 40  | 50         | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 21      | U         | 21     | 40  | 50         | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 12.8    | U         | 12.8   | 80  | 100        | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 9.4     | U         | 9.4    | 40  | 50         | ug/L      |
| 218-01-9          | Chrysene                   | 8.6     | U         | 8.6    | 40  | 50         | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 18.9    | U         | 18.9   | 40  | 50         | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 25      | U         | 25     | 80  | 100        | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 11.4    | U         | 11.4   | 40  | 50         | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 11.9    | U         | 11.9   | 40  | 50         | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 16.7    | U         | 16.7   | 40  | 50         | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 10.2    | U         | 10.2   | 40  | 50         | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 11.5    | U         | 11.5   | 40  | 50         | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 11.8    | U         | 11.8   | 40  | 50         | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 10.9    | U         | 10.9   | 40  | 50         | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 12.5    | U         | 12.5   | 40  | 50         | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 7.9     | U         | 7.9    | 40  | 50         | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 8.6     | U         | 8.6    | 40  | 50         | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 125.062 |           | 10-139 |     | 83         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 113.74  |           | 10-134 |     | 76         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 113.418 |           | 49-133 |     | 113        | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 93.586  |           | 52-132 |     | 94         | SPK: -100 |

## Report of Analysis

|                    |                       |                 |                        |
|--------------------|-----------------------|-----------------|------------------------|
| Client:            |                       | Date Collected: | 12/26/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 12/26/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00395-96       | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5386-04              | Matrix:         | water                  |
| Analytical Method: | 8270E                 | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 100      Units:    mL | Final Vol:      | 1000      uL           |
| Soil Aliquot Vol:  | uL                    | Test:           |                        |
| Extraction Type :  | Decanted :            | Level :         | LOW                    |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141037.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165894      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 165.19  |           | 44-137 |     | 110        | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 99.916  |           | 48-125 |     | 100        | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 253986  | 6.828     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 1018210 | 8.104     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 540893  | 9.857     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 925437  | 11.339    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 625287  | 13.98     |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 502783  | 15.433    |        |     |            |           |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 12/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 12/26/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00397 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5386-05     | Matrix:         | Water                  |
| Analytical Method: | 8270E        | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000         | Units:          | mL                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL                |
| Extraction Type :  |              | Test:           |                        |
|                    | Decanted :   | Level :         | LOW                    |
| Injection Volume : |              | GPC Factor :    |                        |
|                    |              | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141038.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165875      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 1     | U         | 1    | 8   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.6   | U         | 1.6  | 4   | 5          | ug/L  |
| 100-52-7       | Benzaldehyde                | 4     | U         | 4    | 8   | 10         | ug/L  |
| 62-53-3        | Aniline                     | 1.6   | U         | 1.6  | 4   | 5          | ug/L  |
| 108-95-2       | Phenol                      | 3.2   | J         | 0.93 | 4   | 5          | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1.2   | U         | 1.2  | 4   | 5          | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 0.71  | U         | 0.71 | 4   | 5          | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 0.88  | U         | 0.88 | 4   | 5          | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 0.8   | U         | 0.8  | 4   | 5          | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 0.84  | U         | 0.84 | 4   | 5          | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 1.6   | U         | 1.6  | 8   | 10         | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 4   | 5          | ug/L  |
| 98-86-2        | Acetophenone                | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 1.2   | U         | 1.2  | 8   | 10         | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 2.5        | ug/L  |
| 67-72-1        | Hexachloroethane            | 1     | U         | 1    | 4   | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.3   | U         | 1.3  | 4   | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 2     | U         | 2    | 4   | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.5   | U         | 1.5  | 4   | 5          | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1     | U         | 1    | 4   | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.88  | U         | 0.88 | 4   | 5          | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 65-85-0        | Benzoic acid                | 8.4   | J         | 5.5  | 8   | 10         | ug/L  |
| 91-20-3        | Naphthalene                 | 1     | U         | 1    | 4   | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.3   | U         | 1.3  | 4   | 5          | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.3   | U         | 1.3  | 4   | 5          | ug/L  |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 12/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 12/26/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00397 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5386-05     | Matrix:         | Water                  |
| Analytical Method: | 8270E        | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000         | Units:          | mL                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL                |
| Extraction Type :  |              | Test:           |                        |
|                    | Decanted :   | Level :         | LOW                    |
| Injection Volume : |              | GPC Factor :    |                        |
|                    |              | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141038.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165875      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 1.7   | U         | 1.7   | 8   | 10         | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 0.84  | U         | 0.84  | 4   | 5          | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 1.1   | U         | 1.1   | 4   | 5          | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 5     | U         | 5     | 8   | 10         | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 0.89  | U         | 0.89  | 4   | 5          | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 1     | U         | 1     | 4   | 5          | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 0.91  | U         | 0.91  | 4   | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 0.97  | U         | 0.97  | 4   | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 1.4   | U         | 1.4   | 4   | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 0.93  | U         | 0.93  | 4   | 5          | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 1     | U         | 1     | 4   | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 1.2   | U         | 1.2   | 4   | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 1.4   | U         | 1.4   | 4   | 5          | ug/L  |
| 83-32-9    | Acenaphthene                                    | 0.81  | U         | 0.81  | 4   | 5          | ug/L  |
| Total PAH  | Total PAH                                       | 17.36 | U         | 17.36 | 4   | 80         | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 6.4   | U         | 6.4   | 8   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 2     | U         | 2     | 8   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 0.93  | U         | 0.93  | 4   | 5          | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 2.7   | U         | 2.7   | 4   | 10         | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 1.5   | U         | 1.5   | 4   | 5          | ug/L  |
| 84-66-2    | Diethylphthalate                                | 1     | U         | 1     | 4   | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 0.98  | U         | 0.98  | 4   | 5          | ug/L  |
| 86-73-7    | Fluorene                                        | 0.96  | U         | 0.96  | 4   | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 2     | U         | 2     | 4   | 5          | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 3.1   | U         | 3.1   | 8   | 10         | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 0.89  | U         | 0.89  | 4   | 5          | ug/L  |
| 103-33-3   | Azobenzene                                      | 1.2   | U         | 1.2   | 4   | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 0.95  | U         | 0.95  | 4   | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 1.1   | U         | 1.1   | 4   | 5          | ug/L  |
| 1912-24-9  | Atrazine                                        | 1.3   | U         | 1.3   | 4   | 5          | ug/L  |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 12/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 12/26/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00397 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5386-05     | Matrix:         | Water                  |
| Analytical Method: | 8270E        | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000         | Units:          | mL                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL                |
| Extraction Type :  |              | Test:           |                        |
|                    | Decanted :   | Level :         | LOW                    |
| Injection Volume : |              | GPC Factor :    |                        |
|                    |              | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141038.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165875      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 3       | J         | 1.9    | 8   | 10         | ug/L      |
| 85-01-8           | Phenanthrene               | 0.89    | U         | 0.89   | 4   | 5          | ug/L      |
| 120-12-7          | Anthracene                 | 1.1     | U         | 1.1    | 4   | 5          | ug/L      |
| 86-74-8           | Carbazole                  | 1.2     | U         | 1.2    | 4   | 5          | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 1.5     | U         | 1.5    | 4   | 5          | ug/L      |
| 206-44-0          | Fluoranthene               | 1.3     | U         | 1.3    | 4   | 5          | ug/L      |
| 92-87-5           | Benzidine                  | 4.1     | U         | 4.1    | 8   | 10         | ug/L      |
| 129-00-0          | Pyrene                     | 1.1     | U         | 1.1    | 4   | 5          | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 2.1     | U         | 2.1    | 4   | 5          | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 1.3     | U         | 1.3    | 8   | 10         | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 0.94    | U         | 0.94   | 4   | 5          | ug/L      |
| 218-01-9          | Chrysene                   | 0.86    | U         | 0.86   | 4   | 5          | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 3.3     | J         | 1.9    | 4   | 5          | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 2.5     | U         | 2.5    | 8   | 10         | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 1.1     | U         | 1.1    | 4   | 5          | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 1.2     | U         | 1.2    | 4   | 5          | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 1.7     | U         | 1.7    | 4   | 5          | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 1       | U         | 1      | 4   | 5          | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 1.2     | U         | 1.2    | 4   | 5          | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 1.2     | U         | 1.2    | 4   | 5          | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 1.1     | U         | 1.1    | 4   | 5          | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 3.1     | J         | 1.3    | 4   | 5          | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 0.79    | U         | 0.79   | 4   | 5          | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 0.86    | U         | 0.86   | 4   | 5          | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 68.119  |           | 10-139 |     | 45         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 44.698  |           | 10-134 |     | 30         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 100.758 |           | 49-133 |     | 101        | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 84.409  |           | 52-132 |     | 84         | SPK: -100 |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 12/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 12/26/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00397 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5386-05     | Matrix:         | Water                  |
| Analytical Method: | 8270E        | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000         | Units:          | mL                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000                   |
|                    |              | Test:           | uL                     |
| Extraction Type :  |              | Decanted :      | Level :                |
|                    |              |                 | LOW                    |
| Injection Volume : |              | GPC Factor :    | GPC Cleanup :          |
|                    |              |                 | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141038.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165875      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol               | 128.152 |           | 44-137 |     | 85         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14                      | 76.863  |           | 48-125 |     | 77         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 248655  | 6.828     |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8                     | 963386  | 8.104     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10                   | 487598  | 9.857     |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10                   | 669848  | 11.351    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                       | 458962  | 13.98     |        |     |            |           |
| 1520-96-3                             | Perylene-d12                       | 507277  | 15.433    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |           |
| 006124-90-9                           | Oxirane, 2-methyl-3-propyl-, cis-  | 35.1    | J         |        |     | 10.51      |           |
|                                       | unknown11.510                      | 20      | J         |        |     | 11.51      |           |
| 004792-15-8                           | Pentaethylene glycol               | 37.5    | J         |        |     | 11.645     |           |
| 005274-68-0                           | Tetraethylene glycol monododecyl e | 49.5    | J         |        |     | 11.733     |           |
|                                       | unknown11.816                      | 27.2    | J         |        |     | 11.816     |           |
| 002615-15-8                           | Hexaethylene glycol                | 19.4    | J         |        |     | 12.598     |           |
| 003055-94-5                           | Triethylene glycol monododecyl eth | 54.1    | J         |        |     | 12.727     |           |
| 005117-19-1                           | 2-[2-[2-[2-[2-[2-(2-Hydroxyetho    | 40.1    | J         |        |     | 12.798     |           |
| 003055-96-7                           | Hexaethylene glycol monododecyl et | 40.3    | J         |        |     | 12.88      |           |
| 005617-32-3                           | Heptaethylene glycol               | 22      | J         |        |     | 13.569     |           |
| 001786-94-3                           | 3,6,9,12,15-Pentaoxanonadecan-1-ol | 47.6    | J         |        |     | 13.68      |           |
| 003055-95-6                           | Pentaethylene glycol monododecyl e | 40.8    | J         |        |     | 13.745     |           |
|                                       | unknown13.780                      | 34.5    | J         |        |     | 13.78      |           |
| 019327-40-3                           | n-Octylpentaoxyethylene            | 54.2    | J         |        |     | 13.822     |           |
|                                       | unknown13.904                      | 33.3    | J         |        |     | 13.904     |           |
|                                       | unknown14.539                      | 31.2    | J         |        |     | 14.539     |           |
|                                       | unknown14.598                      | 31.3    | J         |        |     | 14.598     |           |
|                                       | unknown14.639                      | 28.9    | J         |        |     | 14.639     |           |
|                                       | unknown14.669                      | 29.3    | J         |        |     | 14.669     |           |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 12/26/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/26/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00397           | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5386-05               | Matrix:         | Water                  |
| Analytical Method: | 8270E                  | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000              uL   |
| Soil Aliquot Vol:  | uL                     | Test:           |                        |
| Extraction Type :  | Decanted :             | Level :         | LOW                    |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141038.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165875      |

| CAS Number | Parameter     | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|---------------|-------|-----------|-----|-----|------------|-------|
|            | unknown14.751 | 27.5  | J         |     |     | 14.751     |       |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 12/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 12/26/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00398 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5386-01     | Matrix:         | Solid                  |
| Analytical Method: | 8270E        | % Moisture:     | 7.1                    |
| Sample Wt/Vol:     | 30.04        | Units:          | g                      |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL                |
| Extraction Type :  |              | Test:           |                        |
|                    | Decanted :   | Level :         | LOW                    |
| Injection Volume : |              | GPC Factor :    |                        |
|                    |              | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141039.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165872      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 93.3  | U         | 93.3 | 290 | 350        | ug/Kg |
| 110-86-1       | Pyridine                    | 85.9  | U         | 85.9 | 140 | 180        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 200   | U         | 200  | 290 | 350        | ug/Kg |
| 62-53-3        | Aniline                     | 100   | U         | 100  | 140 | 180        | ug/Kg |
| 108-95-2       | Phenol                      | 89.1  | U         | 89.1 | 140 | 180        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 90    | U         | 90   | 140 | 180        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 89.8  | U         | 89.8 | 140 | 180        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 90.9  | U         | 90.9 | 140 | 180        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 92.4  | U         | 92.4 | 140 | 180        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 93    | U         | 93   | 140 | 180        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 89.2  | U         | 89.2 | 290 | 350        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 86.6  | U         | 86.6 | 140 | 180        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 97.7  | U         | 97.7 | 140 | 180        | ug/Kg |
| 98-86-2        | Acetophenone                | 93.4  | U         | 93.4 | 140 | 180        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 85.8  | U         | 85.8 | 290 | 350        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 43.3  | U         | 43.3 | 86  | 86         | ug/Kg |
| 67-72-1        | Hexachloroethane            | 89.2  | U         | 89.2 | 140 | 180        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 97.6  | U         | 97.6 | 140 | 180        | ug/Kg |
| 78-59-1        | Isophorone                  | 90.9  | U         | 90.9 | 140 | 180        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 100   | U         | 100  | 140 | 180        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 100   | U         | 100  | 140 | 180        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 92.2  | U         | 92.2 | 140 | 180        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 81.2  | U         | 81.2 | 140 | 180        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 91.8  | U         | 91.8 | 140 | 180        | ug/Kg |
| 65-85-0        | Benzoic acid                | 250   | U         | 250  | 290 | 350        | ug/Kg |
| 91-20-3        | Naphthalene                 | 88.8  | U         | 88.8 | 140 | 180        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 88.8  | U         | 88.8 | 140 | 180        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 89.5  | U         | 89.5 | 140 | 180        | ug/Kg |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 12/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 12/26/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00398 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5386-01     | Matrix:         | Solid                  |
| Analytical Method: | 8270E        | % Moisture:     | 7.1                    |
| Sample Wt/Vol:     | 30.04        | Units:          | g                      |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL                |
| Extraction Type :  |              | Test:           |                        |
|                    | Decanted :   | Level :         | LOW                    |
| Injection Volume : |              | GPC Factor :    |                        |
|                    |              | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141039.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165872      |

| CAS Number | Parameter                                       | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|--------|-----------|--------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 93.3   | U         | 93.3   | 290 | 350        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 83.3   | U         | 83.3   | 140 | 180        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 88.7   | U         | 88.7   | 140 | 180        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 170    | U         | 170    | 290 | 350        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 76.8   | U         | 76.8   | 140 | 180        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 79.5   | U         | 79.5   | 140 | 180        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 110    | J         | 94     | 140 | 180        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 89.5   | U         | 89.5   | 140 | 180        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 100    | U         | 100    | 140 | 180        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 87.8   | U         | 87.8   | 140 | 180        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 93     | U         | 93     | 140 | 180        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 89.4   | U         | 89.4   | 140 | 180        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 95.9   | U         | 95.9   | 140 | 180        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 87.2   | U         | 87.2   | 140 | 180        | ug/Kg |
| Total PAH  | Total PAH                                       | 1424.6 | U         | 1424.6 | 140 | 2880       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 260    | U         | 260    | 290 | 350        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 120    | U         | 120    | 290 | 350        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 90.7   | U         | 90.7   | 140 | 180        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 92.7   | U         | 92.7   | 140 | 180        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 82.1   | U         | 182.1  | 140 | 360        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 86.1   | U         | 86.1   | 140 | 180        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 92     | U         | 92     | 140 | 180        | ug/Kg |
| 86-73-7    | Fluorene                                        | 91.9   | U         | 91.9   | 140 | 180        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 120    | U         | 120    | 140 | 180        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 130    | U         | 130    | 290 | 350        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 87.7   | U         | 87.7   | 140 | 180        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 85.6   | U         | 85.6   | 140 | 180        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 84.8   | U         | 84.8   | 140 | 180        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 91.4   | U         | 91.4   | 140 | 180        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 98.3   | U         | 98.3   | 140 | 180        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 12/26/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/26/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00398           | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5386-01               | Matrix:         | Solid                  |
| Analytical Method: | 8270E                  | % Moisture:     | 7.1                    |
| Sample Wt/Vol:     | 30.04      Units:    g | Final Vol:      | 1000              uL   |
| Soil Aliquot Vol:  | uL                     | Test:           |                        |
| Extraction Type :  | Decanted :             | Level :         | LOW                    |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141039.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165872      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 83.1    | U         | 83.1   | 290 | 350        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 90.3    | U         | 90.3   | 140 | 180        | ug/Kg     |
| 120-12-7          | Anthracene                 | 90.7    | U         | 90.7   | 140 | 180        | ug/Kg     |
| 86-74-8           | Carbazole                  | 86.3    | U         | 86.3   | 140 | 180        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 90.6    | U         | 90.6   | 140 | 180        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 87.8    | U         | 87.8   | 140 | 180        | ug/Kg     |
| 92-87-5           | Benzidine                  | 180     | U         | 180    | 290 | 350        | ug/Kg     |
| 129-00-0          | Pyrene                     | 89.2    | U         | 89.2   | 140 | 180        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 100     | U         | 100    | 140 | 180        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 110     | U         | 110    | 290 | 350        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 86.8    | U         | 86.8   | 140 | 180        | ug/Kg     |
| 218-01-9          | Chrysene                   | 85.5    | U         | 85.5   | 140 | 180        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 1500    |           | 97.8   | 140 | 180        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 120     | U         | 120    | 290 | 350        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 87.2    | U         | 87.2   | 140 | 180        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 88.8    | U         | 88.8   | 140 | 180        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 100     | U         | 100    | 140 | 180        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 84      | U         | 84     | 140 | 180        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 87.3    | U         | 87.3   | 140 | 180        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 86.1    | U         | 86.1   | 140 | 180        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 93.3    | U         | 93.3   | 140 | 180        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 120     | U         | 120    | 140 | 180        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 80.3    | U         | 80.3   | 140 | 180        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 89.4    | U         | 89.4   | 180 | 180        | ug/Kg     |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 112.31  |           | 18-112 |     | 75         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 107.167 |           | 15-107 |     | 71         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 145.685 | *         | 18-107 |     | 146        | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 72.912  |           | 20-109 |     | 73         | SPK: -100 |

## Report of Analysis

|                    |                     |                 |                        |
|--------------------|---------------------|-----------------|------------------------|
| Client:            |                     | Date Collected: | 12/26/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 12/26/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00398        | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5386-01            | Matrix:         | Solid                  |
| Analytical Method: | 8270E               | % Moisture:     | 7.1                    |
| Sample Wt/Vol:     | 30.04      Units: g | Final Vol:      | 1000      uL           |
| Soil Aliquot Vol:  | uL                  | Test:           |                        |
| Extraction Type :  | Decanted :          | Level :         | LOW                    |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141039.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165872      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol               | 97.13  |           | 10-116 |     | 65         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14                      | 41.92  |           | 10-105 |     | 42         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 150094 | 6.839     |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8                     | 341017 | 8.128     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10                   | 268521 | 9.874     |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10                   | 242952 | 11.392    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                       | 409834 | 14.015    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                       | 512914 | 15.468    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |           |
| 000123-42-2                           | 2-Pentanone, 4-hydroxy-4-methyl-   | 2900   | A         |        |     | 5.169      |           |
| 000620-14-4                           | Benzene, 1-ethyl-3-methyl-         | 1000   | J         |        |     | 6.375      |           |
| 000526-73-8                           | Benzene, 1,2,3-trimethyl-          | 1400   | J         |        |     | 6.681      |           |
| 000108-67-8                           | Mesitylene                         | 940    | J         |        |     | 6.91       |           |
| 000470-82-6                           | Eucalyptol                         | 750    | J         |        |     | 7.004      |           |
| 000105-05-5                           | Benzene, 1,4-diethyl-              | 650    | J         |        |     | 7.163      |           |
| 015932-80-6                           | Cyclohexanone, 5-methyl-2-(1-methy | 1400   | J         |        |     | 7.645      |           |
| 000462-95-3                           | Methane, diethoxy-                 | 4500   | J         |        |     | 7.763      |           |
|                                       | unknown7.880                       | 700    | J         |        |     | 7.88       |           |
| 134837-38-0                           | Cyclohexanemethanol, 2-(2-propenyl | 720    | J         |        |     | 8.004      |           |
|                                       | unknown8.433                       | 790    | J         |        |     | 8.433      |           |
| 061141-72-8                           | Dodecane, 4,6-dimethyl-            | 1700   | J         |        |     | 8.551      |           |
| 000629-50-5                           | Tridecane                          | 1500   | J         |        |     | 8.727      |           |
| 001560-96-9                           | Tridecane, 2-methyl-               | 610    | J         |        |     | 9.08       |           |
| 017312-55-9                           | Decane, 3,8-dimethyl-              | 490    | J         |        |     | 9.116      |           |
| 054832-83-6                           | 1H-Indene, octahydro-2,2,4,4,7,7-h | 1100   | J         |        |     | 9.586      |           |
|                                       | unknown9.745                       | 600    | J         |        |     | 9.745      |           |
| 080655-44-3                           | Decahydro-1,1,4a,5,6-pentamethylna | 650    | J         |        |     | 9.792      |           |
| 055124-79-3                           | Heptadecane, 9-hexyl-              | 720    | J         |        |     | 15.939     |           |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 12/26/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 12/26/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00398 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5386-01     | Matrix:         | Solid                  |
| Analytical Method: | 8270E        | % Moisture:     | 7.1                    |
| Sample Wt/Vol:     | 30.04        | Units:          | g                      |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL                |
| Extraction Type :  |              | Test:           |                        |
|                    | Decanted :   | Level :         | LOW                    |
| Injection Volume : |              | GPC Factor :    |                        |
|                    |              | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141039.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165872      |

| CAS Number  | Parameter                      | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|--------------------------------|-------|-----------|-----|-----|------------|-------|
| 003319-31-1 | tri(2-Ethylhexyl) trimellitate | 1600  | J         |     |     | 17.939     |       |

## Report of Analysis

|                    |                 |                 |                        |
|--------------------|-----------------|-----------------|------------------------|
| Client:            |                 | Date Collected: | 12/26/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 12/26/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00395-96 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5386-03        | Matrix:         | Solid                  |
| Analytical Method: | 8270E           | % Moisture:     | 0                      |
| Sample Wt/Vol:     | 5.07            | Units:          | g                      |
| Soil Aliquot Vol:  |                 | Final Vol:      | 1000 uL                |
| Extraction Type :  |                 | Test:           |                        |
|                    | Decanted :      | Level :         | LOW                    |
| Injection Volume : |                 | GPC Factor :    |                        |
|                    |                 | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141040.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165872      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 510   | U         | 510  | 1600 | 2000       | ug/Kg |
| 110-86-1       | Pyridine                    | 470   | U         | 470  | 770  | 1000       | ug/Kg |
| 100-52-7       | Benzaldehyde                | 1100  | U         | 1100 | 1600 | 2000       | ug/Kg |
| 62-53-3        | Aniline                     | 570   | U         | 570  | 770  | 1000       | ug/Kg |
| 108-95-2       | Phenol                      | 490   | U         | 490  | 770  | 1000       | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 500   | U         | 500  | 770  | 1000       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 490   | U         | 490  | 770  | 1000       | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 500   | U         | 500  | 770  | 1000       | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 510   | U         | 510  | 770  | 1000       | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 510   | U         | 510  | 770  | 1000       | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 490   | U         | 490  | 1600 | 2000       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 480   | U         | 480  | 770  | 1000       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 540   | U         | 540  | 770  | 1000       | ug/Kg |
| 98-86-2        | Acetophenone                | 510   | U         | 510  | 770  | 1000       | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 470   | U         | 470  | 1600 | 2000       | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 240   | U         | 240  | 470  | 470        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 490   | U         | 490  | 770  | 1000       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 540   | U         | 540  | 770  | 1000       | ug/Kg |
| 78-59-1        | Isophorone                  | 500   | U         | 500  | 770  | 1000       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 560   | U         | 560  | 770  | 1000       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 550   | U         | 550  | 770  | 1000       | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 510   | U         | 510  | 770  | 1000       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 450   | U         | 450  | 770  | 1000       | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 510   | U         | 510  | 770  | 1000       | ug/Kg |
| 65-85-0        | Benzoic acid                | 1400  | U         | 1400 | 1600 | 2000       | ug/Kg |
| 91-20-3        | Naphthalene                 | 490   | U         | 490  | 770  | 1000       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 490   | U         | 490  | 770  | 1000       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 490   | U         | 490  | 770  | 1000       | ug/Kg |

## Report of Analysis

|                    |                 |                 |                        |
|--------------------|-----------------|-----------------|------------------------|
| Client:            |                 | Date Collected: | 12/26/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 12/26/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00395-96 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5386-03        | Matrix:         | Solid                  |
| Analytical Method: | 8270E           | % Moisture:     | 0                      |
| Sample Wt/Vol:     | 5.07            | Units:          | g                      |
| Soil Aliquot Vol:  |                 | Final Vol:      | 1000 uL                |
| Extraction Type :  |                 | Test:           |                        |
|                    | Decanted :      | Level :         | LOW                    |
| Injection Volume : |                 | GPC Factor :    |                        |
|                    |                 | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141040.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165872      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|------|------|------------|-------|
| 105-60-2   | Caprolactam                                     | 510   | U         | 510  | 1600 | 2000       | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 460   | U         | 460  | 770  | 1000       | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 490   | U         | 490  | 770  | 1000       | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 920   | U         | 920  | 1600 | 2000       | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 420   | U         | 420  | 770  | 1000       | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 440   | U         | 440  | 770  | 1000       | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 520   | U         | 520  | 770  | 1000       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 490   | U         | 490  | 770  | 1000       | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 560   | U         | 560  | 770  | 1000       | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 480   | U         | 480  | 770  | 1000       | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 510   | U         | 510  | 770  | 1000       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 490   | U         | 490  | 770  | 1000       | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 530   | U         | 530  | 770  | 1000       | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 480   | U         | 480  | 770  | 1000       | ug/Kg |
| Total PAH  | Total PAH                                       | 7840  | U         | 7840 | 770  | 16000      | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 1400  | U         | 1400 | 1600 | 2000       | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 690   | U         | 690  | 1600 | 2000       | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 500   | U         | 500  | 770  | 1000       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 510   | U         | 510  | 770  | 1000       | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 1000  | U         | 1000 | 770  | 2000       | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 470   | U         | 470  | 770  | 1000       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 510   | U         | 510  | 770  | 1000       | ug/Kg |
| 86-73-7    | Fluorene                                        | 510   | U         | 510  | 770  | 1000       | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 630   | U         | 630  | 770  | 1000       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 690   | U         | 690  | 1600 | 2000       | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 480   | U         | 480  | 770  | 1000       | ug/Kg |
| 103-33-3   | Azobenzene                                      | 470   | U         | 470  | 770  | 1000       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 470   | U         | 470  | 770  | 1000       | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 500   | U         | 500  | 770  | 1000       | ug/Kg |
| 1912-24-9  | Atrazine                                        | 540   | U         | 540  | 770  | 1000       | ug/Kg |

## Report of Analysis

|                    |                    |                 |                        |
|--------------------|--------------------|-----------------|------------------------|
| Client:            |                    | Date Collected: | 12/26/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 12/26/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00395-96    | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5386-03           | Matrix:         | Solid                  |
| Analytical Method: | 8270E              | % Moisture:     | 0                      |
| Sample Wt/Vol:     | 5.07      Units: g | Final Vol:      | 1000      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                        |
| Extraction Type :  | Decanted :         | Level :         | LOW                    |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141040.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165872      |

| CAS Number        | Parameter                  | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units     |
|-------------------|----------------------------|--------|-----------|--------|------|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 460    | U         | 460    | 1600 | 2000       | ug/Kg     |
| 85-01-8           | Phenanthrene               | 500    | U         | 500    | 770  | 1000       | ug/Kg     |
| 120-12-7          | Anthracene                 | 500    | U         | 500    | 770  | 1000       | ug/Kg     |
| 86-74-8           | Carbazole                  | 480    | U         | 480    | 770  | 1000       | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 500    | U         | 500    | 770  | 1000       | ug/Kg     |
| 206-44-0          | Fluoranthene               | 480    | U         | 480    | 770  | 1000       | ug/Kg     |
| 92-87-5           | Benzidine                  | 960    | U         | 960    | 1600 | 2000       | ug/Kg     |
| 129-00-0          | Pyrene                     | 490    | U         | 490    | 770  | 1000       | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 570    | U         | 570    | 770  | 1000       | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 580    | U         | 580    | 1600 | 2000       | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 480    | U         | 480    | 770  | 1000       | ug/Kg     |
| 218-01-9          | Chrysene                   | 470    | U         | 470    | 770  | 1000       | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 690    | J         | 540    | 770  | 1000       | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 650    | U         | 650    | 1600 | 2000       | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 480    | U         | 480    | 770  | 1000       | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 490    | U         | 490    | 770  | 1000       | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 550    | U         | 550    | 770  | 1000       | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 460    | U         | 460    | 770  | 1000       | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 480    | U         | 480    | 770  | 1000       | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 470    | U         | 470    | 770  | 1000       | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 510    | U         | 510    | 770  | 1000       | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 650    | U         | 650    | 770  | 1000       | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 440    | U         | 440    | 770  | 1000       | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 490    | U         | 490    | 1000 | 1000       | ug/Kg     |
| <b>SURROGATES</b> |                            |        |           |        |      |            |           |
| 367-12-4          | 2-Fluorophenol             | 88.075 |           | 18-112 |      | 59         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 86.991 |           | 15-107 |      | 58         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 74.866 |           | 18-107 |      | 75         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 75.032 |           | 20-109 |      | 75         | SPK: -100 |

## Report of Analysis

|                    |                    |                 |                        |
|--------------------|--------------------|-----------------|------------------------|
| Client:            |                    | Date Collected: | 12/26/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 12/26/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00395-96    | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5386-03           | Matrix:         | Solid                  |
| Analytical Method: | 8270E              | % Moisture:     | 0                      |
| Sample Wt/Vol:     | 5.07      Units: g | Final Vol:      | 1000      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                        |
| Extraction Type :  | Decanted :         | Level :         | LOW                    |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141040.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165872      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol               | 86.941 |           | 10-116 |     | 58         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14                      | 44.604 |           | 10-105 |     | 45         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 230301 | 6.828     |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8                     | 863346 | 8.104     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10                   | 360782 | 9.863     |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10                   | 308248 | 11.375    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                       | 487222 | 13.992    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                       | 579490 | 15.445    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |           |
| 000110-62-3                           | Pentanal                           | 1000   | J         |        |     | 2.399      |           |
| 005989-27-5                           | D-Limonene                         | 820    | J         |        |     | 6.945      |           |
|                                       | unknown7.892                       | 1700   | J         |        |     | 7.892      |           |
| 062238-13-5                           | Decane, 2,3,7-trimethyl-           | 680    | J         |        |     | 8.822      |           |
|                                       | unknown9.257                       | 2000   | J         |        |     | 9.257      |           |
|                                       | unknown9.498                       | 890    | J         |        |     | 9.498      |           |
| 313253-65-5                           | 2-Pentanone, 4-cyclohexylidene-3,3 | 1700   | J         |        |     | 9.575      |           |
| 000719-22-2                           | 2,5-Cyclohexadiene-1,4-dione, 2,6- | 830    | J         |        |     | 9.681      |           |
| 1000383-11-5                          | Carbonic acid, octadecyl prop-1-en | 1800   | J         |        |     | 9.739      |           |
| 074036-95-6                           | 2-Bromotetradecane                 | 7900   | J         |        |     | 14.127     |           |
| 000593-49-7                           | Heptacosane                        | 2700   | J         |        |     | 14.639     |           |
| 000629-99-2                           | Pentacosane                        | 16500  | J         |        |     | 14.769     |           |
| 1000406-32-4                          | Dotriacontane, 1-iodo-             | 2700   | J         |        |     | 15.363     |           |
| 006117-97-1                           | Dodecane, 4-methyl-                | 16800  | J         |        |     | 15.521     |           |
| 1000406-32-0                          | Tetracosane, 1-iodo-               | 1900   | J         |        |     | 16.31      |           |
| 014101-61-2                           | (R)-2,7,8-Trimethyl-2-((3E,7E)-4,8 | 2400   | J         |        |     | 16.41      |           |
| 001560-92-5                           | Hexadecane, 2-methyl-              | 13400  | J         |        |     | 16.521     |           |
| 000083-47-6                           | .gamma.-Sitosterol                 | 5700   | J         |        |     | 17.498     |           |
| 000481-14-1                           | Stigmasta-5,24(28)-dien-3-ol, (3.b | 6300   | J         |        |     | 17.604     |           |

## Report of Analysis

|                    |                    |                 |                        |
|--------------------|--------------------|-----------------|------------------------|
| Client:            |                    | Date Collected: | 12/26/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 12/26/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00395-96    | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5386-03           | Matrix:         | Solid                  |
| Analytical Method: | 8270E              | % Moisture:     | 0                      |
| Sample Wt/Vol:     | 5.07      Units: g | Final Vol:      | 1000      uL           |
| Soil Aliquot Vol:  | uL                 | Test:           |                        |
| Extraction Type :  | Decanted :         | Level :         | LOW                    |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141040.D        | 1         | 12/27/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165872      |

| CAS Number   | Parameter         | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|-------------------|-------|-----------|-----|-----|------------|-------|
| 1000406-31-8 | Eicosane, 1-iodo- | 11300 | J         |     |     | 17.91      |       |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | NB-07-12272024 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5391-01       | Matrix:         | Solid                  |
| Analytical Method: | 8270E          | % Moisture:     | 10.9                   |
| Sample Wt/Vol:     | 50.03          | Units:          | g                      |
| Soil Aliquot Vol:  |                | Final Vol:      | 1000 uL                |
| Extraction Type :  |                | Test:           |                        |
|                    | Decanted :     | Level :         | LOW                    |
| Injection Volume : |                | GPC Factor :    |                        |
|                    |                | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141041.D        | 1         | 12/30/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165900      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 58.4  | U         | 58.4 | 180  | 220        | ug/Kg |
| 110-86-1       | Pyridine                    | 53.8  | U         | 53.8 | 87.5 | 110        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 120   | U         | 120  | 180  | 220        | ug/Kg |
| 62-53-3        | Aniline                     | 65.2  | U         | 65.2 | 87.5 | 110        | ug/Kg |
| 108-95-2       | Phenol                      | 55.8  | U         | 55.8 | 87.5 | 110        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 56.3  | U         | 56.3 | 87.5 | 110        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 56.2  | U         | 56.2 | 87.5 | 110        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 56.9  | U         | 56.9 | 87.5 | 110        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 57.9  | U         | 57.9 | 87.5 | 110        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 58.2  | U         | 58.2 | 87.5 | 110        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 55.9  | U         | 55.9 | 180  | 220        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 54.2  | U         | 54.2 | 87.5 | 110        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 61.2  | U         | 61.2 | 87.5 | 110        | ug/Kg |
| 98-86-2        | Acetophenone                | 58.5  | U         | 58.5 | 87.5 | 110        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 53.7  | U         | 53.7 | 180  | 220        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 27.1  | U         | 27.1 | 53.8 | 53.8       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 55.9  | U         | 55.9 | 87.5 | 110        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 61.1  | U         | 61.1 | 87.5 | 110        | ug/Kg |
| 78-59-1        | Isophorone                  | 56.9  | U         | 56.9 | 87.5 | 110        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 63.6  | U         | 63.6 | 87.5 | 110        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 62.7  | U         | 62.7 | 87.5 | 110        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 57.7  | U         | 57.7 | 87.5 | 110        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 50.8  | U         | 50.8 | 87.5 | 110        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 57.5  | U         | 57.5 | 87.5 | 110        | ug/Kg |
| 65-85-0        | Benzoic acid                | 160   | U         | 160  | 180  | 220        | ug/Kg |
| 91-20-3        | Naphthalene                 | 55.6  | U         | 55.6 | 87.5 | 110        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 55.6  | U         | 55.6 | 87.5 | 110        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 56.1  | U         | 56.1 | 87.5 | 110        | ug/Kg |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | NB-07-12272024 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5391-01       | Matrix:         | Solid                  |
| Analytical Method: | 8270E          | % Moisture:     | 10.9                   |
| Sample Wt/Vol:     | 50.03          | Units:          | g                      |
| Soil Aliquot Vol:  |                | Final Vol:      | 1000 uL                |
| Extraction Type :  |                | Test:           |                        |
|                    | Decanted :     | Level :         | LOW                    |
| Injection Volume : |                | GPC Factor :    |                        |
|                    |                | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141041.D        | 1         | 12/30/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165900      |

| CAS Number | Parameter                                       | Conc.  | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|------------|-------------------------------------------------|--------|-----------|-------|------|------------|-------|
| 105-60-2   | Caprolactam                                     | 58.4   | U         | 58.4  | 180  | 220        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 52.2   | U         | 52.2  | 87.5 | 110        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 55.5   | U         | 55.5  | 87.5 | 110        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 100    | U         | 100   | 180  | 220        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 48.1   | U         | 48.1  | 87.5 | 110        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 49.8   | U         | 49.8  | 87.5 | 110        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 58.8   | U         | 58.8  | 87.5 | 110        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 56.1   | U         | 56.1  | 87.5 | 110        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 63.9   | U         | 63.9  | 87.5 | 110        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 55     | U         | 55    | 87.5 | 110        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 58.2   | U         | 58.2  | 87.5 | 110        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 56     | U         | 56    | 87.5 | 110        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 60     | U         | 60    | 87.5 | 110        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 54.6   | U         | 54.6  | 87.5 | 110        | ug/Kg |
| Total PAH  | Total PAH                                       | 1307.5 | U         | 891.8 | 87.5 | 1760       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 160    | U         | 160   | 180  | 220        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 78.1   | U         | 78.1  | 180  | 220        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 56.8   | U         | 56.8  | 87.5 | 110        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 114    | U         | 114   | 87.5 | 220        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 58     | U         | 58    | 87.5 | 110        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 53.9   | U         | 53.9  | 87.5 | 110        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 57.6   | U         | 57.6  | 87.5 | 110        | ug/Kg |
| 86-73-7    | Fluorene                                        | 57.5   | U         | 57.5  | 87.5 | 110        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 72     | U         | 72    | 87.5 | 110        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 78.7   | U         | 78.7  | 180  | 220        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 54.9   | U         | 54.9  | 87.5 | 110        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 53.6   | U         | 53.6  | 87.5 | 110        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 53.1   | U         | 53.1  | 87.5 | 110        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 57.2   | U         | 57.2  | 87.5 | 110        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 61.5   | U         | 61.5  | 87.5 | 110        | ug/Kg |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | NB-07-12272024 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5391-01       | Matrix:         | Solid                  |
| Analytical Method: | 8270E          | % Moisture:     | 10.9                   |
| Sample Wt/Vol:     | 50.03          | Units:          | g                      |
| Soil Aliquot Vol:  |                | Final Vol:      | 1000 uL                |
| Extraction Type :  |                | Test:           |                        |
|                    | Decanted :     | Level :         | LOW                    |
| Injection Volume : |                | GPC Factor :    |                        |
|                    |                | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141041.D        | 1         | 12/30/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165900      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD  | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|------|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 52      | U         | 52     | 180  | 220        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 250     |           | 56.5   | 87.5 | 110        | ug/Kg     |
| 120-12-7          | Anthracene                 | 69.9    | J         | 56.8   | 87.5 | 110        | ug/Kg     |
| 86-74-8           | Carbazole                  | 54      | U         | 54     | 87.5 | 110        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 56.7    | U         | 56.7   | 87.5 | 110        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 240     |           | 55     | 87.5 | 110        | ug/Kg     |
| 92-87-5           | Benzidine                  | 110     | U         | 110    | 180  | 220        | ug/Kg     |
| 129-00-0          | Pyrene                     | 250     |           | 55.9   | 87.5 | 110        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 65.1    | U         | 65.1   | 87.5 | 110        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 66.4    | U         | 66.4   | 180  | 220        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 120     |           | 54.3   | 87.5 | 110        | ug/Kg     |
| 218-01-9          | Chrysene                   | 110     |           | 53.5   | 87.5 | 110        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 490     |           | 61.2   | 87.5 | 110        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 74      | U         | 74     | 180  | 220        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 110     |           | 54.6   | 87.5 | 110        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 61      | J         | 55.6   | 87.5 | 110        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 96.6    | J         | 62.6   | 87.5 | 110        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 52.6    | U         | 52.6   | 87.5 | 110        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 54.6    | U         | 54.6   | 87.5 | 110        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 53.9    | U         | 53.9   | 87.5 | 110        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 58.4    | U         | 58.4   | 87.5 | 110        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 74      | U         | 74     | 87.5 | 110        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 50.3    | U         | 50.3   | 87.5 | 110        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 56      | U         | 56     | 110  | 110        | ug/Kg     |
| <b>SURROGATES</b> |                            |         |           |        |      |            |           |
| 367-12-4          | 2-Fluorophenol             | 106.136 |           | 18-112 |      | 71         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 104.119 |           | 15-107 |      | 69         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 93.21   |           | 18-107 |      | 93         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 76.423  |           | 20-109 |      | 76         | SPK: -100 |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | NB-07-12272024 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5391-01       | Matrix:         | Solid                  |
| Analytical Method: | 8270E          | % Moisture:     | 10.9                   |
| Sample Wt/Vol:     | 50.03          | Units:          | g                      |
| Soil Aliquot Vol:  |                | Final Vol:      | 1000 uL                |
| Extraction Type :  |                | Test:           |                        |
|                    | Decanted :     | Level :         | LOW                    |
| Injection Volume : |                | GPC Factor :    |                        |
|                    |                | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141041.D        | 1         | 12/30/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165900      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol               | 119.347 |           | 10-116 |     | 80         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14                      | 81.46   |           | 10-105 |     | 81         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 289232  | 6.828     |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8                     | 1112396 | 8.104     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10                   | 570701  | 9.857     |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10                   | 818165  | 11.339    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                       | 442025  | 13.98     |        |     |            |           |
| 1520-96-3                             | Perylene-d12                       | 583482  | 15.439    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |           |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-        | 590     | J         |        |     | 2.116      |           |
| 000629-59-4                           | Tetradecane                        | 92.4    | J         |        |     | 9.263      |           |
| 1000342-70-4                          | 1-Octadecanesulphonyl chloride     | 59.9    | J         |        |     | 9.581      |           |
| 1000382-54-3                          | Carbonic acid, eicosyl vinyl ester | 110     | J         |        |     | 9.792      |           |
| 000544-76-3                           | Hexadecane                         | 130     | J         |        |     | 10.292     |           |
| 000593-49-7                           | Heptacosane                        | 70.4    | J         |        |     | 10.51      |           |
| 000119-61-9                           | Benzophenone                       | 140     | J         |        |     | 10.569     |           |
| 000629-78-7                           | Heptadecane                        | 220     | J         |        |     | 10.769     |           |
| 000593-45-3                           | Octadecane                         | 160     | J         |        |     | 11.216     |           |
| 000638-36-8                           | Hexadecane, 2,6,10,14-tetramethyl- | 66      | J         |        |     | 11.245     |           |
| 000629-92-5                           | Nonadecane                         | 120     | J         |        |     | 11.639     |           |
| 000057-10-3                           | n-Hexadecanoic acid                | 230     | J         |        |     | 11.875     |           |
| 000203-64-5                           | 4H-Cyclopenta[def]phenanthrene     | 71.6    | J         |        |     | 11.951     |           |
| 000112-95-8                           | Eicosane                           | 100     | J         |        |     | 12.051     |           |
| 000629-94-7                           | Heneicosane                        | 100     | J         |        |     | 12.439     |           |
| 002082-79-3                           | Benzenepropanoic acid, 3,5-bis(1,1 | 150     | J         |        |     | 13.833     |           |

## Report of Analysis

|                    |                  |                 |                        |
|--------------------|------------------|-----------------|------------------------|
| Client:            |                  | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | NB-07-12272024MS | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5391-01MS       | Matrix:         | Solid                  |
| Analytical Method: | 8270E            | % Moisture:     | 10.9                   |
| Sample Wt/Vol:     | 50.05            | Units:          | g                      |
| Soil Aliquot Vol:  |                  | Final Vol:      | 1000 uL                |
| Extraction Type :  |                  | Test:           |                        |
|                    | Decanted :       | Level :         | LOW                    |
| Injection Volume : |                  | GPC Factor :    |                        |
|                    |                  | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141042.D        | 1         | 12/30/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165900      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 1100  |           | 58.4 | 180  | 220        | ug/Kg |
| 110-86-1       | Pyridine                    | 1100  |           | 53.8 | 87.5 | 110        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 210   | J         | 120  | 180  | 220        | ug/Kg |
| 62-53-3        | Aniline                     | 1000  |           | 65.2 | 87.5 | 110        | ug/Kg |
| 108-95-2       | Phenol                      | 1200  |           | 55.8 | 87.5 | 110        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1100  |           | 56.3 | 87.5 | 110        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1200  |           | 56.2 | 87.5 | 110        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 1200  |           | 56.9 | 87.5 | 110        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 1100  |           | 57.9 | 87.5 | 110        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 1100  |           | 58.2 | 87.5 | 110        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 1200  |           | 55.8 | 180  | 220        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1200  |           | 54.2 | 87.5 | 110        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1100  |           | 61.2 | 87.5 | 110        | ug/Kg |
| 98-86-2        | Acetophenone                | 1100  |           | 58.5 | 87.5 | 110        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 1100  |           | 53.7 | 180  | 220        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1100  |           | 27.1 | 53.8 | 53.8       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1200  |           | 55.8 | 87.5 | 110        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1300  |           | 61.1 | 87.5 | 110        | ug/Kg |
| 78-59-1        | Isophorone                  | 1200  |           | 56.9 | 87.5 | 110        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1400  |           | 63.6 | 87.5 | 110        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 1400  |           | 62.7 | 87.5 | 110        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1100  |           | 57.7 | 87.5 | 110        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1200  |           | 50.8 | 87.5 | 110        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 1100  |           | 57.5 | 87.5 | 110        | ug/Kg |
| 65-85-0        | Benzoic acid                | 1300  |           | 160  | 180  | 220        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1100  |           | 55.6 | 87.5 | 110        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 410   |           | 55.6 | 87.5 | 110        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1200  |           | 56   | 87.5 | 110        | ug/Kg |

## Report of Analysis

|                    |                  |                 |                        |
|--------------------|------------------|-----------------|------------------------|
| Client:            |                  | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | NB-07-12272024MS | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5391-01MS       | Matrix:         | Solid                  |
| Analytical Method: | 8270E            | % Moisture:     | 10.9                   |
| Sample Wt/Vol:     | 50.05 Units: g   | Final Vol:      | 1000 uL                |
| Soil Aliquot Vol:  | uL               | Test:           |                        |
| Extraction Type :  | Decanted :       | Level :         | LOW                    |
| Injection Volume : | GPC Factor :     | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141042.D        | 1         | 12/30/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165900      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|------|------------|-------|
| 105-60-2   | Caprolactam                                     | 1200  |           | 58.4  | 180  | 220        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 1200  |           | 52.1  | 87.5 | 110        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 1100  |           | 55.5  | 87.5 | 110        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 3200  | E         | 100   | 180  | 220        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 1300  |           | 48    | 87.5 | 110        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 1300  |           | 49.8  | 87.5 | 110        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 1200  |           | 58.8  | 87.5 | 110        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 1200  |           | 56    | 87.5 | 110        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 1400  |           | 63.9  | 87.5 | 110        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 1200  |           | 55    | 87.5 | 110        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 1200  |           | 58.2  | 87.5 | 110        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 1300  |           | 56    | 87.5 | 110        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 970   |           | 60    | 87.5 | 110        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 1300  |           | 54.6  | 87.5 | 110        | ug/Kg |
| Total PAH  | Total PAH                                       | 19660 |           | 891.6 | 87.5 | 1760       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 2600  | E         | 160   | 180  | 220        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 2400  | E         | 78    | 180  | 220        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 1200  |           | 56.8  | 87.5 | 110        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 1400  |           | 58    | 87.5 | 110        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 2700  |           | 114   | 87.5 | 220        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 1200  |           | 53.9  | 87.5 | 110        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 1200  |           | 57.6  | 87.5 | 110        | ug/Kg |
| 86-73-7    | Fluorene                                        | 1100  |           | 57.5  | 87.5 | 110        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 1100  |           | 72    | 87.5 | 110        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 1800  |           | 78.7  | 180  | 220        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 1500  |           | 54.9  | 87.5 | 110        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 1200  |           | 53.5  | 87.5 | 110        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 1400  |           | 53.1  | 87.5 | 110        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 1300  |           | 57.2  | 87.5 | 110        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 1700  |           | 61.5  | 87.5 | 110        | ug/Kg |

## Report of Analysis

|                    |                  |                 |                        |
|--------------------|------------------|-----------------|------------------------|
| Client:            |                  | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | NB-07-12272024MS | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5391-01MS       | Matrix:         | Solid                  |
| Analytical Method: | 8270E            | % Moisture:     | 10.9                   |
| Sample Wt/Vol:     | 50.05            | Units:          | g                      |
| Soil Aliquot Vol:  |                  | Final Vol:      | 1000 uL                |
| Extraction Type :  |                  | Test:           |                        |
|                    | Decanted :       | Level :         | LOW                    |
| Injection Volume : |                  | GPC Factor :    |                        |
|                    |                  | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141042.D        | 1         | 12/30/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165900      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD  | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|------|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 2500    | E         | 52     | 180  | 220        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 1500    |           | 56.5   | 87.5 | 110        | ug/Kg     |
| 120-12-7          | Anthracene                 | 1400    |           | 56.8   | 87.5 | 110        | ug/Kg     |
| 86-74-8           | Carbazole                  | 1200    |           | 54     | 87.5 | 110        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 1300    |           | 56.7   | 87.5 | 110        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 1200    |           | 55     | 87.5 | 110        | ug/Kg     |
| 92-87-5           | Benzidine                  | 1200    |           | 110    | 180  | 220        | ug/Kg     |
| 129-00-0          | Pyrene                     | 1200    |           | 55.8   | 87.5 | 110        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 1100    |           | 65.1   | 87.5 | 110        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 1000    |           | 66.3   | 180  | 220        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 1200    |           | 54.3   | 87.5 | 110        | ug/Kg     |
| 218-01-9          | Chrysene                   | 1300    |           | 53.5   | 87.5 | 110        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 1100    |           | 61.2   | 87.5 | 110        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 1500    |           | 74     | 180  | 220        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 1300    |           | 54.6   | 87.5 | 110        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 1300    |           | 55.6   | 87.5 | 110        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 1400    |           | 62.6   | 87.5 | 110        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 1100    |           | 52.5   | 87.5 | 110        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 1100    |           | 54.6   | 87.5 | 110        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 960     |           | 53.9   | 87.5 | 110        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 1200    |           | 58.4   | 87.5 | 110        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 980     |           | 74     | 87.5 | 110        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 1200    |           | 50.3   | 87.5 | 110        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 1100    |           | 56     | 110  | 110        | ug/Kg     |
| <b>SURROGATES</b> |                            |         |           |        |      |            |           |
| 367-12-4          | 2-Fluorophenol             | 109.867 |           | 18-112 |      | 73         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 108.249 |           | 15-107 |      | 72         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 93.289  |           | 18-107 |      | 93         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 79.81   |           | 20-109 |      | 80         | SPK: -100 |

## Report of Analysis

|                    |                     |                 |                        |
|--------------------|---------------------|-----------------|------------------------|
| Client:            |                     | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | NB-07-12272024MS    | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5391-01MS          | Matrix:         | Solid                  |
| Analytical Method: | 8270E               | % Moisture:     | 10.9                   |
| Sample Wt/Vol:     | 50.05      Units: g | Final Vol:      | 1000      uL           |
| Soil Aliquot Vol:  | uL                  | Test:           |                        |
| Extraction Type :  | Decanted :          | Level :         | LOW                    |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141042.D        | 1         | 12/30/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165900      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 121.399 |           | 10-116 |     | 81         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 66.79   |           | 10-105 |     | 67         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 245396  | 6.828     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 946041  | 8.11      |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 467703  | 9.863     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 657851  | 11.345    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 463453  | 13.986    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 491518  | 15.445    |        |     |            |           |

## Report of Analysis

|                    |                   |                 |                        |
|--------------------|-------------------|-----------------|------------------------|
| Client:            |                   | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                   | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | NB-07-12272024MSD | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5391-01MSD       | Matrix:         | Solid                  |
| Analytical Method: | 8270E             | % Moisture:     | 10.9                   |
| Sample Wt/Vol:     | 50.04             | Units:          | g                      |
| Soil Aliquot Vol:  |                   | Final Vol:      | 1000 uL                |
| Extraction Type :  |                   | Test:           |                        |
|                    | Decanted :        | Level :         | LOW                    |
| Injection Volume : |                   | GPC Factor :    |                        |
|                    |                   | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141043.D        | 1         | 12/30/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165900      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 1000  |           | 58.4 | 180  | 220        | ug/Kg |
| 110-86-1       | Pyridine                    | 990   |           | 53.8 | 87.5 | 110        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 180   | J         | 120  | 180  | 220        | ug/Kg |
| 62-53-3        | Aniline                     | 1000  |           | 65.2 | 87.5 | 110        | ug/Kg |
| 108-95-2       | Phenol                      | 1100  |           | 55.8 | 87.5 | 110        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1000  |           | 56.3 | 87.5 | 110        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1100  |           | 56.2 | 87.5 | 110        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 1100  |           | 56.9 | 87.5 | 110        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 1000  |           | 57.9 | 87.5 | 110        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 1000  |           | 58.2 | 87.5 | 110        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 1100  |           | 55.8 | 180  | 220        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1100  |           | 54.2 | 87.5 | 110        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1100  |           | 61.2 | 87.5 | 110        | ug/Kg |
| 98-86-2        | Acetophenone                | 1000  |           | 58.5 | 87.5 | 110        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 1000  |           | 53.7 | 180  | 220        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1000  |           | 27.1 | 53.8 | 53.8       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1100  |           | 55.8 | 87.5 | 110        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1200  |           | 61.1 | 87.5 | 110        | ug/Kg |
| 78-59-1        | Isophorone                  | 1100  |           | 56.9 | 87.5 | 110        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1400  |           | 63.6 | 87.5 | 110        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 1300  |           | 62.7 | 87.5 | 110        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1100  |           | 57.7 | 87.5 | 110        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1100  |           | 50.8 | 87.5 | 110        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 1000  |           | 57.5 | 87.5 | 110        | ug/Kg |
| 65-85-0        | Benzoic acid                | 1200  |           | 160  | 180  | 220        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1000  |           | 55.6 | 87.5 | 110        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 410   |           | 55.6 | 87.5 | 110        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1100  |           | 56   | 87.5 | 110        | ug/Kg |

## Report of Analysis

|                    |                   |                 |                        |
|--------------------|-------------------|-----------------|------------------------|
| Client:            |                   | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                   | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | NB-07-12272024MSD | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5391-01MSD       | Matrix:         | Solid                  |
| Analytical Method: | 8270E             | % Moisture:     | 10.9                   |
| Sample Wt/Vol:     | 50.04 Units: g    | Final Vol:      | 1000 uL                |
| Soil Aliquot Vol:  | uL                | Test:           |                        |
| Extraction Type :  | Decanted :        | Level :         | LOW                    |
| Injection Volume : | GPC Factor :      | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141043.D        | 1         | 12/30/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165900      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|------|------------|-------|
| 105-60-2   | Caprolactam                                     | 1100  |           | 58.4  | 180  | 220        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 1100  |           | 52.1  | 87.5 | 110        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 1000  |           | 55.5  | 87.5 | 110        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 2700  | E         | 100   | 180  | 220        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 1200  |           | 48    | 87.5 | 110        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 1200  |           | 49.8  | 87.5 | 110        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 1100  |           | 58.8  | 87.5 | 110        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 1100  |           | 56    | 87.5 | 110        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 1300  |           | 63.9  | 87.5 | 110        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 1100  |           | 55    | 87.5 | 110        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 1100  |           | 58.2  | 87.5 | 110        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 1200  |           | 56    | 87.5 | 110        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 890   |           | 60    | 87.5 | 110        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 1200  |           | 54.6  | 87.5 | 110        | ug/Kg |
| Total PAH  | Total PAH                                       | 17770 |           | 891.7 | 87.5 | 1760       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 2300  | E         | 160   | 180  | 220        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 2200  | E         | 78.1  | 180  | 220        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 1100  |           | 56.8  | 87.5 | 110        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 2500  |           | 114   | 87.5 | 220        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 1300  |           | 58    | 87.5 | 110        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 1100  |           | 53.9  | 87.5 | 110        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 1000  |           | 57.6  | 87.5 | 110        | ug/Kg |
| 86-73-7    | Fluorene                                        | 1000  |           | 57.5  | 87.5 | 110        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 1000  |           | 72    | 87.5 | 110        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 1600  |           | 78.7  | 180  | 220        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 1300  |           | 54.9  | 87.5 | 110        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 1100  |           | 53.6  | 87.5 | 110        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 1300  |           | 53.1  | 87.5 | 110        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 1200  |           | 57.2  | 87.5 | 110        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 1500  |           | 61.5  | 87.5 | 110        | ug/Kg |

## Report of Analysis

|                    |                   |                 |                        |
|--------------------|-------------------|-----------------|------------------------|
| Client:            |                   | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                   | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | NB-07-12272024MSD | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5391-01MSD       | Matrix:         | Solid                  |
| Analytical Method: | 8270E             | % Moisture:     | 10.9                   |
| Sample Wt/Vol:     | 50.04             | Units:          | g                      |
| Soil Aliquot Vol:  |                   | Final Vol:      | 1000 uL                |
| Extraction Type :  |                   | Test:           |                        |
|                    | Decanted :        | Level :         | LOW                    |
| Injection Volume : |                   | GPC Factor :    |                        |
|                    |                   | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141043.D        | 1         | 12/30/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165900      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD  | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|------|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 2400    | E         | 52     | 180  | 220        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 1300    |           | 56.5   | 87.5 | 110        | ug/Kg     |
| 120-12-7          | Anthracene                 | 1300    |           | 56.8   | 87.5 | 110        | ug/Kg     |
| 86-74-8           | Carbazole                  | 1100    |           | 54     | 87.5 | 110        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 1200    |           | 56.7   | 87.5 | 110        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 1200    |           | 55     | 87.5 | 110        | ug/Kg     |
| 92-87-5           | Benzidine                  | 1400    |           | 110    | 180  | 220        | ug/Kg     |
| 129-00-0          | Pyrene                     | 1000    |           | 55.8   | 87.5 | 110        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 1000    |           | 65.1   | 87.5 | 110        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 1100    |           | 66.3   | 180  | 220        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 1100    |           | 54.3   | 87.5 | 110        | ug/Kg     |
| 218-01-9          | Chrysene                   | 1200    |           | 53.5   | 87.5 | 110        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 1000    |           | 61.2   | 87.5 | 110        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 1400    |           | 74     | 180  | 220        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 1200    |           | 54.6   | 87.5 | 110        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 1100    |           | 55.6   | 87.5 | 110        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 1200    |           | 62.6   | 87.5 | 110        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 1000    |           | 52.6   | 87.5 | 110        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 1000    |           | 54.6   | 87.5 | 110        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 870     |           | 53.9   | 87.5 | 110        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 1200    |           | 58.4   | 87.5 | 110        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 920     |           | 74     | 87.5 | 110        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 1100    |           | 50.3   | 87.5 | 110        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 990     |           | 56     | 110  | 110        | ug/Kg     |
| <b>SURROGATES</b> |                            |         |           |        |      |            |           |
| 367-12-4          | 2-Fluorophenol             | 102.325 |           | 18-112 |      | 68         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 100.601 |           | 15-107 |      | 67         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 87.785  |           | 18-107 |      | 88         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 75.046  |           | 20-109 |      | 75         | SPK: -100 |

## Report of Analysis

|                    |                     |                 |                        |
|--------------------|---------------------|-----------------|------------------------|
| Client:            |                     | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | NB-07-12272024MSD   | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5391-01MSD         | Matrix:         | Solid                  |
| Analytical Method: | 8270E               | % Moisture:     | 10.9                   |
| Sample Wt/Vol:     | 50.04      Units: g | Final Vol:      | 1000      uL           |
| Soil Aliquot Vol:  | uL                  | Test:           |                        |
| Extraction Type :  | Decanted :          | Level :         | LOW                    |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141043.D        | 1         | 12/30/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165900      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 108.499 |           | 10-116 |     | 72         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 60.138  |           | 10-105 |     | 60         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 251864  | 6.828     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 968357  | 8.11      |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 473704  | 9.863     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 653428  | 11.345    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 486352  | 13.986    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 510837  | 15.445    |        |     |            |           |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | EO-01-12272024 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5390-01       | Matrix:         | Solid                  |
| Analytical Method: | 8270E          | % Moisture:     | 6.3                    |
| Sample Wt/Vol:     | 50.06          | Units:          | g                      |
| Soil Aliquot Vol:  |                | Final Vol:      | 1000 uL                |
| Extraction Type :  |                | Test:           |                        |
|                    | Decanted :     | Level :         | LOW                    |
| Injection Volume : |                | GPC Factor :    |                        |
|                    |                | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141044.D        | 2         | 12/30/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165900      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 110   | U         | 110  | 350 | 420        | ug/Kg |
| 110-86-1       | Pyridine                    | 100   | U         | 100  | 170 | 220        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 230   | U         | 230  | 350 | 420        | ug/Kg |
| 62-53-3        | Aniline                     | 120   | U         | 120  | 170 | 220        | ug/Kg |
| 108-95-2       | Phenol                      | 110   | U         | 110  | 170 | 220        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 110   | U         | 110  | 170 | 220        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 110   | U         | 110  | 170 | 220        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 110   | U         | 110  | 170 | 220        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 110   | U         | 110  | 170 | 220        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 110   | U         | 110  | 170 | 220        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 110   | U         | 110  | 350 | 420        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 100   | U         | 100  | 170 | 220        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 120   | U         | 120  | 170 | 220        | ug/Kg |
| 98-86-2        | Acetophenone                | 110   | U         | 110  | 170 | 220        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 100   | U         | 100  | 350 | 420        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 51.5  | U         | 51.5 | 100 | 100        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 110   | U         | 110  | 170 | 220        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 120   | U         | 120  | 170 | 220        | ug/Kg |
| 78-59-1        | Isophorone                  | 110   | U         | 110  | 170 | 220        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 120   | U         | 120  | 170 | 220        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 120   | U         | 120  | 170 | 220        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 110   | U         | 110  | 170 | 220        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 96.6  | U         | 96.6 | 170 | 220        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 110   | U         | 110  | 170 | 220        | ug/Kg |
| 65-85-0        | Benzoic acid                | 300   | U         | 300  | 350 | 420        | ug/Kg |
| 91-20-3        | Naphthalene                 | 110   | U         | 110  | 170 | 220        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 110   | U         | 110  | 170 | 220        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 110   | U         | 110  | 170 | 220        | ug/Kg |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | EO-01-12272024 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5390-01       | Matrix:         | Solid                  |
| Analytical Method: | 8270E          | % Moisture:     | 6.3                    |
| Sample Wt/Vol:     | 50.06          | Units:          | g                      |
| Soil Aliquot Vol:  |                | Final Vol:      | 1000 uL                |
| Extraction Type :  |                | Test:           |                        |
|                    | Decanted :     | Level :         | LOW                    |
| Injection Volume : |                | GPC Factor :    |                        |
|                    |                | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141044.D        | 2         | 12/30/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165900      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|--------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 110   | U         | 110    | 350 | 420        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 99.1  | U         | 99.1   | 170 | 220        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 110   | U         | 110    | 170 | 220        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 200   | U         | 200    | 350 | 420        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 91.3  | U         | 91.3   | 170 | 220        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 94.7  | U         | 94.7   | 170 | 220        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 110   | U         | 110    | 170 | 220        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 110   | U         | 110    | 170 | 220        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 120   | U         | 120    | 170 | 220        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 100   | U         | 100    | 170 | 220        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 130   | J         | 110    | 170 | 220        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 110   | U         | 110    | 170 | 220        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 110   | U         | 110    | 170 | 220        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 140   | J         | 100    | 170 | 220        | ug/Kg |
| Total PAH  | Total PAH                                       | 14960 |           | 1689.9 | 170 | 3520       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 310   | U         | 310    | 350 | 420        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 150   | U         | 150    | 350 | 420        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 110   | U         | 110    | 170 | 220        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 110   | U         | 110    | 170 | 220        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 220   | U         | 220    | 170 | 440        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 100   | U         | 100    | 170 | 220        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 110   | U         | 110    | 170 | 220        | ug/Kg |
| 86-73-7    | Fluorene                                        | 190   | J         | 110    | 170 | 220        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 150   | J         | 140    | 170 | 220        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 150   | U         | 150    | 350 | 420        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 100   | U         | 100    | 170 | 220        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 100   | U         | 100    | 170 | 220        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 100   | U         | 100    | 170 | 220        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 110   | U         | 110    | 170 | 220        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 120   | U         | 120    | 170 | 220        | ug/Kg |



|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | EO-01-12272024 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5390-01       | Matrix:         | Solid                  |
| Analytical Method: | 8270E          | % Moisture:     | 6.3                    |
| Sample Wt/Vol:     | 50.06          | Units:          | g                      |
| Soil Aliquot Vol:  |                |                 | uL                     |
| Extraction Type :  |                | Decanted :      |                        |
| Injection Volume : |                | Level :         | LOW                    |
|                    |                | GPC Cleanup :   |                        |
|                    |                | GPC Factor :    |                        |
|                    |                | PH :            |                        |

| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
|-------------------|-----------|------------------------|------------------------|---------------|
| BF141044.D        | 2         | 12/30/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165900      |

| CAS Number        | Parameter                  | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|--------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 98.9   | U         | 98.9   | 350 | 420        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 1300   |           | 110    | 170 | 220        | ug/Kg     |
| 120-12-7          | Anthracene                 | 450    |           | 110    | 170 | 220        | ug/Kg     |
| 86-74-8           | Carbazole                  | 120    | J         | 100    | 170 | 220        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 110    | U         | 110    | 170 | 220        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 2700   |           | 100    | 170 | 220        | ug/Kg     |
| 92-87-5           | Benzidine                  | 210    | U         | 210    | 350 | 420        | ug/Kg     |
| 129-00-0          | Pyrene                     | 1800   |           | 110    | 170 | 220        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 120    | U         | 120    | 170 | 220        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 130    | U         | 130    | 350 | 420        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 1400   |           | 100    | 170 | 220        | ug/Kg     |
| 218-01-9          | Chrysene                   | 1200   |           | 100    | 170 | 220        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 120    | U         | 120    | 170 | 220        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 140    | U         | 140    | 350 | 420        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 1600   |           | 100    | 170 | 220        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 850    |           | 110    | 170 | 220        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 1500   |           | 120    | 170 | 220        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 730    |           | 99.9   | 170 | 220        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 210    | J         | 100    | 170 | 220        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 760    |           | 100    | 170 | 220        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 110    | U         | 110    | 170 | 220        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 140    | U         | 140    | 170 | 220        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 95.6   | U         | 95.6   | 170 | 220        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 110    | U         | 110    | 220 | 220        | ug/Kg     |
| <b>SURROGATES</b> |                            |        |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 77.416 |           | 18-112 |     | 52         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 73.184 |           | 15-107 |     | 49         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 64.686 |           | 18-107 |     | 65         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 65.8   |           | 20-109 |     | 66         | SPK: -100 |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | EO-01-12272024 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5390-01       | Matrix:         | Solid                  |
| Analytical Method: | 8270E          | % Moisture:     | 6.3                    |
| Sample Wt/Vol:     | 50.06          | Units:          | g                      |
| Soil Aliquot Vol:  |                | Final Vol:      | 1000 uL                |
| Extraction Type :  |                | Test:           |                        |
|                    | Decanted :     | Level :         | LOW                    |
| Injection Volume : |                | GPC Factor :    |                        |
|                    |                | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141044.D        | 2         | 12/30/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165900      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol               | 74.894 |           | 10-116 |     | 50         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14                      | 50.404 |           | 10-105 |     | 50         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 242814 | 6.828     |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8                     | 870964 | 8.11      |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10                   | 383795 | 9.857     |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10                   | 558939 | 11.345    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                       | 499944 | 13.986    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                       | 397440 | 15.445    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |           |
| 000629-59-4                           | Tetradecane                        | 230    | J         |        |     | 9.263      |           |
| 003891-99-4                           | 2,6,10-Trimethyltridecane          | 140    | J         |        |     | 9.58       |           |
| 035599-77-0                           | Tridecane, 1-iodo-                 | 230    | J         |        |     | 9.792      |           |
| 000629-62-9                           | Pentadecane                        | 250    | J         |        |     | 10.292     |           |
| 000593-49-7                           | Heptacosane                        | 140    | J         |        |     | 10.516     |           |
| 000629-78-7                           | Heptadecane                        | 580    | J         |        |     | 10.769     |           |
| 000593-45-3                           | Octadecane                         | 280    | J         |        |     | 11.216     |           |
|                                       | unknown11.245                      | 260    | J         |        |     | 11.245     |           |
| 000629-92-5                           | Nonadecane                         | 300    | J         |        |     | 11.645     |           |
| 000112-39-0                           | Hexadecanoic acid, methyl ester    | 1400   | J         |        |     | 11.745     |           |
| 000057-10-3                           | n-Hexadecanoic acid                | 850    | J         |        |     | 11.874     |           |
| 000203-64-5                           | 4H-Cyclopenta[def]phenanthrene     | 600    | J         |        |     | 11.957     |           |
| 000112-95-8                           | Eicosane                           | 260    | J         |        |     | 12.051     |           |
| 005672-97-9                           | 5,16[1,2]:8,13[1,2]-Dibenzen       | 240    | J         |        |     | 12.145     |           |
| 000781-43-1                           | 9,10-Dimethylantracene             | 140    | J         |        |     | 12.392     |           |
| 002566-97-4                           | 9,12-Octadecadienoic acid, methyl  | 3200   | J         |        |     | 12.433     |           |
| 000112-62-9                           | 9-Octadecenoic acid (Z)-, methyl e | 3900   | J         |        |     | 12.451     |           |
| 000057-11-4                           | Octadecanoic acid                  | 270    | J         |        |     | 12.663     |           |
| 000243-17-4                           | 11H-Benzo[b]fluorene               | 160    | J         |        |     | 13.18      |           |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 12/27/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/27/2024 12:00:00 AM |
| Client Sample ID:  | EO-01-12272024 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5390-01       | Matrix:         | Solid                  |
| Analytical Method: | 8270E          | % Moisture:     | 6.3                    |
| Sample Wt/Vol:     | 50.06          | Units:          | g                      |
| Soil Aliquot Vol:  |                | Final Vol:      | 1000 uL                |
| Extraction Type :  |                | Test:           |                        |
|                    | Decanted :     | Level :         | LOW                    |
| Injection Volume : |                | GPC Factor :    |                        |
|                    |                | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141044.D        | 2         | 12/30/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165900      |

| CAS Number  | Parameter      | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|----------------|-------|-----------|-----|-----|------------|-------|
| 000192-97-2 | Benzo[e]pyrene | 1300  | J         |     |     | 15.321     |       |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 12/20/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 12/20/2024 12:00:00 AM |
| Client Sample ID:  | AU-06-122024 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5318-01     | Matrix:         | Solid                  |
| Analytical Method: | 8270E        | % Moisture:     | 13.8                   |
| Sample Wt/Vol:     | 50.06        | Units:          | g                      |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL                |
| Extraction Type :  |              | Test:           |                        |
|                    | Decanted :   | Level :         | LOW                    |
| Injection Volume : |              | GPC Factor :    |                        |
|                    |              | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141045.D        | 2         | 12/23/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165814      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 120   | U         | 120 | 380 | 460        | ug/Kg |
| 110-86-1       | Pyridine                    | 110   | U         | 110 | 180 | 240        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 250   | U         | 250 | 380 | 460        | ug/Kg |
| 62-53-3        | Aniline                     | 130   | U         | 130 | 180 | 240        | ug/Kg |
| 108-95-2       | Phenol                      | 120   | U         | 120 | 180 | 240        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 120   | U         | 120 | 180 | 240        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 120   | U         | 120 | 180 | 240        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 120   | U         | 120 | 180 | 240        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 120   | U         | 120 | 180 | 240        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 120   | U         | 120 | 180 | 240        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 120   | U         | 120 | 380 | 460        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 110   | U         | 110 | 180 | 240        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 130   | U         | 130 | 180 | 240        | ug/Kg |
| 98-86-2        | Acetophenone                | 120   | U         | 120 | 180 | 240        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 110   | U         | 110 | 380 | 460        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 56    | U         | 56  | 110 | 110        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 120   | U         | 120 | 180 | 240        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 130   | U         | 130 | 180 | 240        | ug/Kg |
| 78-59-1        | Isophorone                  | 120   | U         | 120 | 180 | 240        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 130   | U         | 130 | 180 | 240        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 130   | U         | 130 | 180 | 240        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 120   | U         | 120 | 180 | 240        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 100   | U         | 100 | 180 | 240        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 120   | U         | 120 | 180 | 240        | ug/Kg |
| 65-85-0        | Benzoic acid                | 330   | U         | 330 | 380 | 460        | ug/Kg |
| 91-20-3        | Naphthalene                 | 110   | U         | 110 | 180 | 240        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 110   | U         | 110 | 180 | 240        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 120   | U         | 120 | 180 | 240        | ug/Kg |



|                    |              |          |                 |                        |    |
|--------------------|--------------|----------|-----------------|------------------------|----|
| Client:            |              |          | Date Collected: | 12/20/2024 12:00:00 AM |    |
| Project:           |              |          | Date Received:  | 12/20/2024 12:00:00 AM |    |
| Client Sample ID:  | AU-06-122024 |          | SDG No.:        | BF123024               |    |
| Lab Sample ID:     | P5318-01     |          | Matrix:         | Solid                  |    |
| Analytical Method: | 8270E        |          | % Moisture:     | 13.8                   |    |
| Sample Wt/Vol:     | 50.06        | Units: g | Final Vol:      | 1000                   | uL |
| Soil Aliquot Vol:  |              | uL       | Test:           |                        |    |
| Extraction Type :  | Decanted :   |          | Level :         | LOW                    |    |
| Injection Volume : | GPC Factor : |          | GPC Cleanup :   | PH :                   |    |

| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
|-------------------|-----------|------------------------|------------------------|---------------|
| BF141045.D        | 2         | 12/23/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165814      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 120   | U         | 120  | 380 | 460        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 110   | U         | 110  | 180 | 240        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 110   | U         | 110  | 180 | 240        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 220   | U         | 220  | 380 | 460        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 99.3  | U         | 99.3 | 180 | 240        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 100   | U         | 100  | 180 | 240        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 130   | U         | 130  | 180 | 240        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 110   | U         | 110  | 180 | 240        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 110   | U         | 110  | 180 | 240        | ug/Kg |
| Total PAH  | Total PAH                                       | 1860  | U         | 1830 | 180 | 3840       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 340   | U         | 340  | 380 | 460        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 160   | U         | 160  | 380 | 460        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 240   | U         | 240  | 180 | 480        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 110   | U         | 110  | 180 | 240        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 86-73-7    | Fluorene                                        | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 150   | U         | 150  | 180 | 240        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 160   | U         | 160  | 380 | 460        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 110   | U         | 110  | 180 | 240        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 110   | U         | 110  | 180 | 240        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 110   | U         | 110  | 180 | 240        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 130   | U         | 130  | 180 | 240        | ug/Kg |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 12/20/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 12/20/2024 12:00:00 AM |
| Client Sample ID:  | AU-06-122024 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5318-01     | Matrix:         | Solid                  |
| Analytical Method: | 8270E        | % Moisture:     | 13.8                   |
| Sample Wt/Vol:     | 50.06        | Units:          | g                      |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL                |
| Extraction Type :  |              | Test:           |                        |
|                    | Decanted :   | Level :         | LOW                    |
| Injection Volume : |              | GPC Factor :    |                        |
|                    |              | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141045.D        | 2         | 12/23/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165814      |

| CAS Number        | Parameter                  | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|--------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 110    | U         | 110    | 380 | 460        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 330    |           | 120    | 180 | 240        | ug/Kg     |
| 120-12-7          | Anthracene                 | 120    | U         | 120    | 180 | 240        | ug/Kg     |
| 86-74-8           | Carbazole                  | 110    | U         | 110    | 180 | 240        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 120    | U         | 120    | 180 | 240        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 380    |           | 110    | 180 | 240        | ug/Kg     |
| 92-87-5           | Benzidine                  | 230    | U         | 230    | 380 | 460        | ug/Kg     |
| 129-00-0          | Pyrene                     | 250    |           | 120    | 180 | 240        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 130    | U         | 130    | 180 | 240        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 140    | U         | 140    | 380 | 460        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 180    | J         | 110    | 180 | 240        | ug/Kg     |
| 218-01-9          | Chrysene                   | 160    | J         | 110    | 180 | 240        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 130    | U         | 130    | 180 | 240        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 150    | U         | 150    | 380 | 460        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 240    |           | 110    | 180 | 240        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 130    | J         | 110    | 180 | 240        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 190    | J         | 130    | 180 | 240        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 110    | U         | 110    | 180 | 240        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 110    | U         | 110    | 180 | 240        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 110    | U         | 110    | 180 | 240        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 120    | U         | 120    | 180 | 240        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 150    | U         | 150    | 180 | 240        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 100    | U         | 100    | 180 | 240        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 120    | U         | 120    | 240 | 240        | ug/Kg     |
| <b>SURROGATES</b> |                            |        |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 65.276 |           | 18-112 |     | 44         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 59.592 |           | 15-107 |     | 40         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 54.838 |           | 18-107 |     | 55         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 55.658 |           | 20-109 |     | 56         | SPK: -100 |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 12/20/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 12/20/2024 12:00:00 AM |
| Client Sample ID:  | AU-06-122024 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5318-01     | Matrix:         | Solid                  |
| Analytical Method: | 8270E        | % Moisture:     | 13.8                   |
| Sample Wt/Vol:     | 50.06        | Units:          | g                      |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL                |
| Extraction Type :  |              | Test:           |                        |
|                    | Decanted :   | Level :         | LOW                    |
| Injection Volume : |              | GPC Factor :    |                        |
|                    |              | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141045.D        | 2         | 12/23/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165814      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol               | 60.478 |           | 10-116 |     | 40         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14                      | 40.4   |           | 10-105 |     | 40         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 214473 | 6.828     |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8                     | 741436 | 8.11      |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10                   | 317819 | 9.857     |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10                   | 493586 | 11.345    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                       | 481756 | 13.986    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                       | 366661 | 15.445    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |           |
| 000629-50-5                           | Tridecane                          | 510    | J         |        |     | 8.704      |           |
| 054833-23-7                           | Eicosane, 10-methyl-               | 340    | J         |        |     | 9.063      |           |
| 000629-59-4                           | Tetradecane                        | 1700   | J         |        |     | 9.269      |           |
| 021693-54-9                           | Naphthalene, 1,2,3,4-tetrahydro-5, | 420    | J         |        |     | 9.334      |           |
|                                       | unknown9.522                       | 540    | J         |        |     | 9.522      |           |
| 007098-21-7                           | Tritetracontane                    | 800    | J         |        |     | 9.587      |           |
|                                       | unknown9.645                       | 350    | J         |        |     | 9.645      |           |
| 1000382-54-3                          | Carbonic acid, eicosyl vinyl ester | 1600   | J         |        |     | 9.798      |           |
|                                       | unknown10.034                      | 370    | J         |        |     | 10.034     |           |
| 001560-88-9                           | Octadecane, 2-methyl-              | 330    | J         |        |     | 10.116     |           |
| 000544-76-3                           | Hexadecane                         | 1700   | J         |        |     | 10.298     |           |
| 003892-00-0                           | Pentadecane, 2,6,10-trimethyl-     | 920    | J         |        |     | 10.516     |           |
| 000629-78-7                           | Heptadecane                        | 2300   | J         |        |     | 10.775     |           |
| 000593-45-3                           | Octadecane                         | 1500   | J         |        |     | 11.216     |           |
| 000638-36-8                           | Hexadecane, 2,6,10,14-tetramethyl- | 700    | J         |        |     | 11.251     |           |
| 000629-92-5                           | Nonadecane                         | 1200   | J         |        |     | 11.645     |           |
| 055045-08-4                           | Dodecane, 2-methyl-6-propyl-       | 970    | J         |        |     | 12.051     |           |
| 000629-94-7                           | Heneicosane                        | 810    | J         |        |     | 12.439     |           |
| 000638-67-5                           | Tricosane                          | 470    | J         |        |     | 13.169     |           |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 12/20/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 12/20/2024 12:00:00 AM |
| Client Sample ID:  | AU-06-122024 | SDG No.:        | BF123024               |
| Lab Sample ID:     | P5318-01     | Matrix:         | Solid                  |
| Analytical Method: | 8270E        | % Moisture:     | 13.8                   |
| Sample Wt/Vol:     | 50.06        | Units:          | g                      |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL                |
| Extraction Type :  |              | Test:           |                        |
|                    | Decanted :   | Level :         | LOW                    |
| Injection Volume : |              | GPC Factor :    |                        |
|                    |              | GPC Cleanup :   | PH :                   |

|                   |           |                        |                        |               |
|-------------------|-----------|------------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed          | Prep Batch ID |
| BF141045.D        | 2         | 12/23/2024 12:00:00 AM | 12/30/2024 12:00:00 AM | PB165814      |

| CAS Number  | Parameter   | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|-------------|-------|-----------|-----|-----|------------|-------|
| 000646-31-1 | Tetracosane | 280   | J         |     |     | 13.516     |       |



**SDG No.:** BF123024

**Client:**

| Sample ID   | Client ID        | Matrix | Parameter                          | Concentration | C         | MDL | RDL  | Units     |
|-------------|------------------|--------|------------------------------------|---------------|-----------|-----|------|-----------|
| Client ID : | AU-06-122024     |        |                                    |               |           |     |      |           |
| P5318-01    | AU-06-122024     | Solid  | Carbonic acid, eicosyl vinyl ester | *             | 1,600.000 | J   |      |           |
| P5318-01    | AU-06-122024     | Solid  | Dodecane, 2-methyl-6-propyl-       | *             | 970.000   | J   |      |           |
| P5318-01    | AU-06-122024     | Solid  | Eicosane, 10-methyl-               | *             | 340.000   | J   |      |           |
| P5318-01    | AU-06-122024     | Solid  | Heneicosane                        | *             | 810.000   | J   |      |           |
| P5318-01    | AU-06-122024     | Solid  | Heptadecane                        | *             | 2,300.000 | J   |      |           |
| P5318-01    | AU-06-122024     | Solid  | Hexadecane                         | *             | 1,700.000 | J   |      |           |
| P5318-01    | AU-06-122024     | Solid  | Hexadecane, 2,6,10,14-tetramethy   | *             | 700.000   | J   |      |           |
| P5318-01    | AU-06-122024     | Solid  | Naphthalene, 1,2,3,4-tetrahydro-5  | *             | 420.000   | J   |      |           |
| P5318-01    | AU-06-122024     | Solid  | Nonadecane                         | *             | 1,200.000 | J   |      |           |
| P5318-01    | AU-06-122024     | Solid  | Octadecane                         | *             | 1,500.000 | J   |      |           |
| P5318-01    | AU-06-122024     | Solid  | Octadecane, 2-methyl-              | *             | 330.000   | J   |      |           |
| P5318-01    | AU-06-122024     | Solid  | Pentadecane, 2,6,10-trimethyl-     | *             | 920.000   | J   |      |           |
| P5318-01    | AU-06-122024     | Solid  | Tetracosane                        | *             | 280.000   | J   |      |           |
| P5318-01    | AU-06-122024     | Solid  | Tetradecane                        | *             | 1,700.000 | J   |      |           |
| P5318-01    | AU-06-122024     | Solid  | Tricosane                          | *             | 470.000   | J   |      |           |
| P5318-01    | AU-06-122024     | Solid  | Tridecane                          | *             | 510.000   | J   |      |           |
| P5318-01    | AU-06-122024     | Solid  | Tritetracontane                    | *             | 800.000   | J   |      |           |
| P5318-01    | AU-06-122024     | Solid  | unknown10.034                      | *             | 370.000   | J   |      |           |
| P5318-01    | AU-06-122024     | Solid  | unknown9.522                       | *             | 540.000   | J   |      |           |
| P5318-01    | AU-06-122024     | Solid  | unknown9.645                       | *             | 350.000   | J   |      |           |
|             |                  |        | Total Tics :                       |               | 17,810.00 |     |      |           |
| P5318-01    | AU-06-122024     | Solid  | Benzo(a)anthracene                 |               | 180.000   | J   | 110  | 240 ug/Kg |
| P5318-01    | AU-06-122024     | Solid  | Benzo(a)pyrene                     |               | 190.000   | J   | 130  | 240 ug/Kg |
| P5318-01    | AU-06-122024     | Solid  | Benzo(b)fluoranthene               |               | 240.000   |     | 110  | 240 ug/Kg |
| P5318-01    | AU-06-122024     | Solid  | Benzo(k)fluoranthene               |               | 130.000   | J   | 110  | 240 ug/Kg |
| P5318-01    | AU-06-122024     | Solid  | Chrysene                           |               | 160.000   | J   | 110  | 240 ug/Kg |
| P5318-01    | AU-06-122024     | Solid  | Fluoranthene                       |               | 380.000   |     | 110  | 240 ug/Kg |
| P5318-01    | AU-06-122024     | Solid  | Phenanthrene                       |               | 330.000   |     | 120  | 240 ug/Kg |
| P5318-01    | AU-06-122024     | Solid  | Pyrene                             |               | 250.000   |     | 120  | 240 ug/Kg |
|             |                  |        | Total Svoc :                       |               | 1,860.00  |     |      |           |
|             |                  |        | Total Concentration:               |               | 19,670.00 |     |      |           |
| Client ID : | WC-SOIL-20241219 |        |                                    |               |           |     |      |           |
| P5362-02    | WC-SOIL-20241219 | water  | Benzidine                          |               | 90.500    | J   | 40.7 | 100 ug/L  |
|             |                  |        | Total Svoc :                       |               | 90.50     |     |      |           |
|             |                  |        | Total Concentration:               |               | 90.50     |     |      |           |
| Client ID : | MOO-24-00398     |        |                                    |               |           |     |      |           |

### Hit Summary Sheet SW-846

SDG No.: BF123024

Client:

| Sample ID                          | Client ID       | Matrix | Parameter                         | Concentration | C                | MDL  | RDL | Units |
|------------------------------------|-----------------|--------|-----------------------------------|---------------|------------------|------|-----|-------|
| P5386-01                           | MOO-24-00398    | Solid  | 1H-Indene, octahydro-2,2,4,4,7,7- | *             | 1,100.000        | J    |     |       |
| P5386-01                           | MOO-24-00398    | Solid  | 2-Pentanone, 4-hydroxy-4-methyl   | *             | 2,900.000        | A    |     |       |
| P5386-01                           | MOO-24-00398    | Solid  | Benzene, 1,2,3-trimethyl-         | *             | 1,400.000        | J    |     |       |
| P5386-01                           | MOO-24-00398    | Solid  | Benzene, 1,4-diethyl-             | *             | 650.000          | J    |     |       |
| P5386-01                           | MOO-24-00398    | Solid  | Benzene, 1-ethyl-3-methyl-        | *             | 1,000.000        | J    |     |       |
| P5386-01                           | MOO-24-00398    | Solid  | Cyclohexanemethanol, 2-(2-prope   | *             | 720.000          | J    |     |       |
| P5386-01                           | MOO-24-00398    | Solid  | Cyclohexanone, 5-methyl-2-(1-me   | *             | 1,400.000        | J    |     |       |
| P5386-01                           | MOO-24-00398    | Solid  | Decahydro-1,1,4a,5,6-pentamethy   | *             | 650.000          | J    |     |       |
| P5386-01                           | MOO-24-00398    | Solid  | Decane, 3,8-dimethyl-             | *             | 490.000          | J    |     |       |
| P5386-01                           | MOO-24-00398    | Solid  | Dodecane, 4,6-dimethyl-           | *             | 1,700.000        | J    |     |       |
| P5386-01                           | MOO-24-00398    | Solid  | Eucalyptol                        | *             | 750.000          | J    |     |       |
| P5386-01                           | MOO-24-00398    | Solid  | Heptadecane, 9-hexyl-             | *             | 720.000          | J    |     |       |
| P5386-01                           | MOO-24-00398    | Solid  | Mesitylene                        | *             | 940.000          | J    |     |       |
| P5386-01                           | MOO-24-00398    | Solid  | Methane, diethoxy-                | *             | 4,500.000        | J    |     |       |
| P5386-01                           | MOO-24-00398    | Solid  | tri(2-Ethylhexyl) trimellitate    | *             | 1,600.000        | J    |     |       |
| P5386-01                           | MOO-24-00398    | Solid  | Tridecane                         | *             | 1,500.000        | J    |     |       |
| P5386-01                           | MOO-24-00398    | Solid  | Tridecane, 2-methyl-              | *             | 610.000          | J    |     |       |
| P5386-01                           | MOO-24-00398    | Solid  | unknown7.880                      | *             | 700.000          | J    |     |       |
| P5386-01                           | MOO-24-00398    | Solid  | unknown8.433                      | *             | 790.000          | J    |     |       |
| P5386-01                           | MOO-24-00398    | Solid  | unknown9.745                      | *             | 600.000          | J    |     |       |
| <b>Total Tics :</b>                |                 |        |                                   |               | <b>24,720.00</b> |      |     |       |
| P5386-01                           | MOO-24-00398    | Solid  | 1,1-Biphenyl                      |               | 110.000          | J 94 | 180 | ug/Kg |
| P5386-01                           | MOO-24-00398    | Solid  | Bis(2-ethylhexyl)phthalate        |               | 1,500.000        | 97.8 | 180 | ug/Kg |
| <b>Total Svoc :</b>                |                 |        |                                   |               | <b>1,610.00</b>  |      |     |       |
| <b>Total Concentration:</b>        |                 |        |                                   |               | <b>26,330.00</b> |      |     |       |
| <b>Client ID : MOO-24-00395-96</b> |                 |        |                                   |               |                  |      |     |       |
| P5386-03                           | MOO-24-00395-96 | Solid  | (R)-2,7,8-Trimethyl-2-((3E,7E)-4, | *             | 2,400.000        | J    |     |       |
| P5386-03                           | MOO-24-00395-96 | Solid  | .gamma.-Sitosterol                | *             | 5,700.000        | J    |     |       |
| P5386-03                           | MOO-24-00395-96 | Solid  | 2,5-Cyclohexadiene-1,4-dione, 2,( | *             | 830.000          | J    |     |       |
| P5386-03                           | MOO-24-00395-96 | Solid  | 2-Bromotetradecane                | *             | 7,900.000        | J    |     |       |
| P5386-03                           | MOO-24-00395-96 | Solid  | 2-Pentanone, 4-cyclohexylidene-3  | *             | 1,700.000        | J    |     |       |
| P5386-03                           | MOO-24-00395-96 | Solid  | Carbonic acid, octadecyl prop-1-e | *             | 1,800.000        | J    |     |       |
| P5386-03                           | MOO-24-00395-96 | Solid  | D-Limonene                        | *             | 820.000          | J    |     |       |
| P5386-03                           | MOO-24-00395-96 | Solid  | Decane, 2,3,7-trimethyl-          | *             | 680.000          | J    |     |       |
| P5386-03                           | MOO-24-00395-96 | Solid  | Dodecane, 4-methyl-               | *             | 16,800.000       | J    |     |       |
| P5386-03                           | MOO-24-00395-96 | Solid  | Dotriacontane, 1-iodo-            | *             | 2,700.000        | J    |     |       |
| P5386-03                           | MOO-24-00395-96 | Solid  | Eicosane, 1-iodo-                 | *             | 11,300.000       | J    |     |       |
| P5386-03                           | MOO-24-00395-96 | Solid  | Heptacosane                       | *             | 2,700.000        | J    |     |       |
| P5386-03                           | MOO-24-00395-96 | Solid  | Hexadecane, 2-methyl-             | *             | 13,400.000       | J    |     |       |
| P5386-03                           | MOO-24-00395-96 | Solid  | Pentacosane                       | *             | 16,500.000       | J    |     |       |

### Hit Summary Sheet SW-846

SDG No.: BF123024

Client:

| Sample ID                | Client ID       | Matrix | Parameter                          | Concentration | C         | MDL  | RDL  | Units |
|--------------------------|-----------------|--------|------------------------------------|---------------|-----------|------|------|-------|
| P5386-03                 | MOO-24-00395-96 | Solid  | Pentanal                           | *             | 1,000.000 | J    |      |       |
| P5386-03                 | MOO-24-00395-96 | Solid  | Stigmasta-5,24(28)-dien-3-ol, (3.b | *             | 6,300.000 | J    |      |       |
| P5386-03                 | MOO-24-00395-96 | Solid  | Tetracosane, 1-iodo-               | *             | 1,900.000 | J    |      |       |
| P5386-03                 | MOO-24-00395-96 | Solid  | unknown7.892                       | *             | 1,700.000 | J    |      |       |
| P5386-03                 | MOO-24-00395-96 | Solid  | unknown9.257                       | *             | 2,000.000 | J    |      |       |
| P5386-03                 | MOO-24-00395-96 | Solid  | unknown9.498                       | *             | 890.000   | J    |      |       |
| Total Tics :             |                 |        |                                    | 99,020.00     |           |      |      |       |
| P5386-03                 | MOO-24-00395-96 | Solid  | Bis(2-ethylhexyl)phthalate         | 690.000       | J         | 540  | 1000 | ug/Kg |
| Total Svoc :             |                 |        |                                    | 690.00        |           |      |      |       |
| Total Concentration:     |                 |        |                                    | 99,710.00     |           |      |      |       |
| Client ID : MOO-24-00397 |                 |        |                                    |               |           |      |      |       |
| P5386-05                 | MOO-24-00397    | Water  | 2-[2-[2-[2-[2-[2-(2-Hydroxyeth     | *             | 40.100    | J    |      |       |
| P5386-05                 | MOO-24-00397    | Water  | 3,6,9,12,15-Pentaoxanonadecan-1    | *             | 47.600    | J    |      |       |
| P5386-05                 | MOO-24-00397    | Water  | Heptaethylene glycol               | *             | 22.000    | J    |      |       |
| P5386-05                 | MOO-24-00397    | Water  | Hexaethylene glycol                | *             | 19.400    | J    |      |       |
| P5386-05                 | MOO-24-00397    | Water  | Hexaethylene glycol monododecy     | *             | 40.300    | J    |      |       |
| P5386-05                 | MOO-24-00397    | Water  | n-Octylpentaoxyethylene            | *             | 54.200    | J    |      |       |
| P5386-05                 | MOO-24-00397    | Water  | Oxirane, 2-methyl-3-propyl-, cis-  | *             | 35.100    | J    |      |       |
| P5386-05                 | MOO-24-00397    | Water  | Pentaethylene glycol               | *             | 37.500    | J    |      |       |
| P5386-05                 | MOO-24-00397    | Water  | Pentaethylene glycol monododecy    | *             | 40.800    | J    |      |       |
| P5386-05                 | MOO-24-00397    | Water  | Tetraethylene glycol monododecy    | *             | 49.500    | J    |      |       |
| P5386-05                 | MOO-24-00397    | Water  | Triethylene glycol monododecyl e   | *             | 54.100    | J    |      |       |
| P5386-05                 | MOO-24-00397    | Water  | unknown11.510                      | *             | 20.000    | J    |      |       |
| P5386-05                 | MOO-24-00397    | Water  | unknown11.816                      | *             | 27.200    | J    |      |       |
| P5386-05                 | MOO-24-00397    | Water  | unknown13.780                      | *             | 34.500    | J    |      |       |
| P5386-05                 | MOO-24-00397    | Water  | unknown13.904                      | *             | 33.300    | J    |      |       |
| P5386-05                 | MOO-24-00397    | Water  | unknown14.539                      | *             | 31.200    | J    |      |       |
| P5386-05                 | MOO-24-00397    | Water  | unknown14.598                      | *             | 31.300    | J    |      |       |
| P5386-05                 | MOO-24-00397    | Water  | unknown14.639                      | *             | 28.900    | J    |      |       |
| P5386-05                 | MOO-24-00397    | Water  | unknown14.669                      | *             | 29.300    | J    |      |       |
| P5386-05                 | MOO-24-00397    | Water  | unknown14.751                      | *             | 27.500    | J    |      |       |
| Total Tics :             |                 |        |                                    | 703.80        |           |      |      |       |
| P5386-05                 | MOO-24-00397    | Water  | 1,4-Dioxane                        | 3.100         | J         | 1.3  | 5    | ug/L  |
| P5386-05                 | MOO-24-00397    | Water  | Benzoic acid                       | 8.400         | J         | 5.5  | 10   | ug/L  |
| P5386-05                 | MOO-24-00397    | Water  | Bis(2-ethylhexyl)phthalate         | 3.300         | J         | 1.9  | 5    | ug/L  |
| P5386-05                 | MOO-24-00397    | Water  | Pentachlorophenol                  | 3.000         | J         | 1.9  | 10   | ug/L  |
| P5386-05                 | MOO-24-00397    | Water  | Phenol                             | 3.200         | J         | 0.93 | 5    | ug/L  |
| Total Svoc :             |                 |        |                                    | 21.00         |           |      |      |       |
| Total Concentration:     |                 |        |                                    | 724.80        |           |      |      |       |

Client ID : EO-01-12272024

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

**SDG No.:** BF123024

**Client:**

| Sample ID           | Client ID      | Matrix | Parameter                         | Concentration    | C          | MDL | RDL    | Units |
|---------------------|----------------|--------|-----------------------------------|------------------|------------|-----|--------|-------|
| P5390-01            | EO-01-12272024 | Solid  | 11H-Benzo[b]fluorene              | *                | 160.000    | J   |        |       |
| P5390-01            | EO-01-12272024 | Solid  | 2,6,10-Trimethyltridecane         | *                | 140.000    | J   |        |       |
| P5390-01            | EO-01-12272024 | Solid  | 4H-Cyclopenta[def]phenanthrene    | *                | 600.000    | J   |        |       |
| P5390-01            | EO-01-12272024 | Solid  | 5,16[1,2]:8,13[1,2]-Dibenzen      | *                | 240.000    | J   |        |       |
| P5390-01            | EO-01-12272024 | Solid  | 9,10-Dimethylanthracene           | *                | 140.000    | J   |        |       |
| P5390-01            | EO-01-12272024 | Solid  | 9,12-Octadecadienoic acid, methyl | *                | 3,200.000  | J   |        |       |
| P5390-01            | EO-01-12272024 | Solid  | 9-Octadecenoic acid (Z)-, methyl  | *                | 3,900.000  | J   |        |       |
| P5390-01            | EO-01-12272024 | Solid  | Benzo[e]pyrene                    | *                | 1,300.000  | J   |        |       |
| P5390-01            | EO-01-12272024 | Solid  | Eicosane                          | *                | 260.000    | J   |        |       |
| P5390-01            | EO-01-12272024 | Solid  | Heptacosane                       | *                | 140.000    | J   |        |       |
| P5390-01            | EO-01-12272024 | Solid  | Heptadecane                       | *                | 580.000    | J   |        |       |
| P5390-01            | EO-01-12272024 | Solid  | Hexadecanoic acid, methyl ester   | *                | 1,400.000  | J   |        |       |
| P5390-01            | EO-01-12272024 | Solid  | n-Hexadecanoic acid               | *                | 850.000    | J   |        |       |
| P5390-01            | EO-01-12272024 | Solid  | Nonadecane                        | *                | 300.000    | J   |        |       |
| P5390-01            | EO-01-12272024 | Solid  | Octadecane                        | *                | 280.000    | J   |        |       |
| P5390-01            | EO-01-12272024 | Solid  | Octadecanoic acid                 | *                | 270.000    | J   |        |       |
| P5390-01            | EO-01-12272024 | Solid  | Pentadecane                       | *                | 250.000    | J   |        |       |
| P5390-01            | EO-01-12272024 | Solid  | Tetradecane                       | *                | 230.000    | J   |        |       |
| P5390-01            | EO-01-12272024 | Solid  | Tridecane, 1-iodo-                | *                | 230.000    | J   |        |       |
| P5390-01            | EO-01-12272024 | Solid  | unknown11.245                     | *                | 260.000    | J   |        |       |
| <b>Total Tics :</b> |                |        |                                   | <b>14,730.00</b> |            |     |        |       |
| P5390-01            | EO-01-12272024 | Solid  | 4-Nitroaniline                    |                  | 150.000    | J   | 140    | ug/Kg |
| P5390-01            | EO-01-12272024 | Solid  | Acenaphthene                      |                  | 140.000    | J   | 100    | ug/Kg |
| P5390-01            | EO-01-12272024 | Solid  | Acenaphthylene                    |                  | 130.000    | J   | 110    | ug/Kg |
| P5390-01            | EO-01-12272024 | Solid  | Anthracene                        |                  | 450.000    |     | 110    | ug/Kg |
| P5390-01            | EO-01-12272024 | Solid  | Benzo(a)anthracene                |                  | 1,400.000  |     | 100    | ug/Kg |
| P5390-01            | EO-01-12272024 | Solid  | Benzo(a)pyrene                    |                  | 1,500.000  |     | 120    | ug/Kg |
| P5390-01            | EO-01-12272024 | Solid  | Benzo(b)fluoranthene              |                  | 1,600.000  |     | 100    | ug/Kg |
| P5390-01            | EO-01-12272024 | Solid  | Benzo(g,h,i)perylene              |                  | 760.000    |     | 100    | ug/Kg |
| P5390-01            | EO-01-12272024 | Solid  | Benzo(k)fluoranthene              |                  | 850.000    |     | 110    | ug/Kg |
| P5390-01            | EO-01-12272024 | Solid  | Carbazole                         |                  | 120.000    | J   | 100    | ug/Kg |
| P5390-01            | EO-01-12272024 | Solid  | Chrysene                          |                  | 1,200.000  |     | 100    | ug/Kg |
| P5390-01            | EO-01-12272024 | Solid  | Dibenzo(a,h)anthracene            |                  | 210.000    | J   | 100    | ug/Kg |
| P5390-01            | EO-01-12272024 | Solid  | Fluoranthene                      |                  | 2,700.000  |     | 100    | ug/Kg |
| P5390-01            | EO-01-12272024 | Solid  | Fluorene                          |                  | 190.000    | J   | 110    | ug/Kg |
| P5390-01            | EO-01-12272024 | Solid  | Indeno(1,2,3-cd)pyrene            |                  | 730.000    |     | 99.9   | ug/Kg |
| P5390-01            | EO-01-12272024 | Solid  | Phenanthrene                      |                  | 1,300.000  |     | 110    | ug/Kg |
| P5390-01            | EO-01-12272024 | Solid  | Pyrene                            |                  | 1,800.000  |     | 110    | ug/Kg |
| P5390-01            | EO-01-12272024 | Solid  | Total PAH                         |                  | 14,960.000 |     | 1689.9 | ug/Kg |
| <b>Total Svoc :</b> |                |        |                                   | <b>30,190.00</b> |            |     |        |       |

### Hit Summary Sheet SW-846

SDG No.: BF123024

Client:

| Sample ID                  | Client ID      | Matrix | Parameter                          | Concentration | C       | MDL | RDL  | Units     |
|----------------------------|----------------|--------|------------------------------------|---------------|---------|-----|------|-----------|
| Total Concentration:       |                |        |                                    | 44,920.00     |         |     |      |           |
| Client ID : NB-07-12272024 |                |        |                                    |               |         |     |      |           |
| P5391-01                   | NB-07-12272024 | Solid  | 1-Octadecanesulphonyl chloride     | *             | 59.900  | J   |      |           |
| P5391-01                   | NB-07-12272024 | Solid  | 4H-Cyclopenta[def]phenanthrene     | *             | 71.600  | J   |      |           |
| P5391-01                   | NB-07-12272024 | Solid  | Benzenepropanoic acid, 3,5-bis(1,  | *             | 150.000 | J   |      |           |
| P5391-01                   | NB-07-12272024 | Solid  | Benzophenone                       | *             | 140.000 | J   |      |           |
| P5391-01                   | NB-07-12272024 | Solid  | Butane, 2-methoxy-2-methyl-        | *             | 590.000 | J   |      |           |
| P5391-01                   | NB-07-12272024 | Solid  | Carbonic acid, eicosyl vinyl ester | *             | 110.000 | J   |      |           |
| P5391-01                   | NB-07-12272024 | Solid  | Eicosane                           | *             | 100.000 | J   |      |           |
| P5391-01                   | NB-07-12272024 | Solid  | Heneicosane                        | *             | 100.000 | J   |      |           |
| P5391-01                   | NB-07-12272024 | Solid  | Heptacosane                        | *             | 70.400  | J   |      |           |
| P5391-01                   | NB-07-12272024 | Solid  | Heptadecane                        | *             | 220.000 | J   |      |           |
| P5391-01                   | NB-07-12272024 | Solid  | Hexadecane                         | *             | 130.000 | J   |      |           |
| P5391-01                   | NB-07-12272024 | Solid  | Hexadecane, 2,6,10,14-tetramethy   | *             | 66.000  | J   |      |           |
| P5391-01                   | NB-07-12272024 | Solid  | n-Hexadecanoic acid                | *             | 230.000 | J   |      |           |
| P5391-01                   | NB-07-12272024 | Solid  | Nonadecane                         | *             | 120.000 | J   |      |           |
| P5391-01                   | NB-07-12272024 | Solid  | Octadecane                         | *             | 160.000 | J   |      |           |
| P5391-01                   | NB-07-12272024 | Solid  | Tetradecane                        | *             | 92.400  | J   |      |           |
| Total Tics :               |                |        |                                    | 2,410.30      |         |     |      |           |
| P5391-01                   | NB-07-12272024 | Solid  | Anthracene                         |               | 69.900  | J   | 56.8 | 110 ug/Kg |
| P5391-01                   | NB-07-12272024 | Solid  | Benzo(a)anthracene                 |               | 120.000 |     | 54.3 | 110 ug/Kg |
| P5391-01                   | NB-07-12272024 | Solid  | Benzo(a)pyrene                     |               | 96.600  | J   | 62.6 | 110 ug/Kg |
| P5391-01                   | NB-07-12272024 | Solid  | Benzo(b)fluoranthene               |               | 110.000 |     | 54.6 | 110 ug/Kg |
| P5391-01                   | NB-07-12272024 | Solid  | Benzo(k)fluoranthene               |               | 61.000  | J   | 55.6 | 110 ug/Kg |
| P5391-01                   | NB-07-12272024 | Solid  | Bis(2-ethylhexyl)phthalate         |               | 490.000 |     | 61.2 | 110 ug/Kg |
| P5391-01                   | NB-07-12272024 | Solid  | Chrysene                           |               | 110.000 |     | 53.5 | 110 ug/Kg |
| P5391-01                   | NB-07-12272024 | Solid  | Fluoranthene                       |               | 240.000 |     | 55   | 110 ug/Kg |
| P5391-01                   | NB-07-12272024 | Solid  | Phenanthrene                       |               | 250.000 |     | 56.5 | 110 ug/Kg |
| P5391-01                   | NB-07-12272024 | Solid  | Pyrene                             |               | 250.000 |     | 55.9 | 110 ug/Kg |
| Total Svoc :               |                |        |                                    | 1,797.50      |         |     |      |           |
| Total Concentration:       |                |        |                                    | 4,207.80      |         |     |      |           |



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BF122624 SAS No.: BF122624 SDG No.: BF122624  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 12/26/2024  
Calibration Time(s): 16:23

|                             |        |                     |        |        |                     |        |                     |       |
|-----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:                |        | RRF2.5 = BF140970.D |        |        | RRF005 = BF140971.D |        | RRF010 = BF140972.D |       |
|                             |        | RRF020 = BF140973.D |        |        | RRF040 = BF140974.D |        | RRF050 = BF140975.D |       |
| COMPOUND                    | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| n-Nitrosodimethylamine      |        | 0.755               | 0.738  | 0.778  | 0.745               | 0.742  | 0.744               | 2.9   |
| Pyridine                    |        | 1.621               | 1.563  | 1.581  | 1.437               | 1.394  | 1.468               | 8.2   |
| 2-Fluorophenol              |        | 1.502               | 1.422  | 1.423  | 1.293               | 1.258  | 1.327               | 9.4   |
| Benzaldehyde                |        |                     | 1.193  | 1.089  | 0.861               | 0.792  | 0.941               | 20.2  |
| Aniline                     |        | 1.709               | 1.702  | 1.732  | 1.615               | 1.480  | 1.524               | 15.3  |
| Phenol-d6                   |        | 1.910               | 1.839  | 1.811  | 1.667               | 1.625  | 1.709               | 8.6   |
| Phenol                      |        | 1.956               | 1.880  | 1.866  | 1.744               | 1.683  | 1.767               | 8.0   |
| bis(2-Chloroethyl)ether     |        | 1.543               | 1.479  | 1.449  | 1.363               | 1.416  | 1.427               | 4.8   |
| 2-Chlorophenol              |        | 1.556               | 1.484  | 1.483  | 1.386               | 1.337  | 1.399               | 8.2   |
| 1,2-Dichlorobenzene         |        | 1.660               | 1.589  | 1.562  | 1.416               | 1.366  | 1.451               | 10.7  |
| 1,3-Dichlorobenzene         |        | 1.736               | 1.665  | 1.649  | 1.516               | 1.462  | 1.544               | 9.2   |
| 1,4-Dichlorobenzene         |        | 1.749               | 1.690  | 1.662  | 1.517               | 1.477  | 1.556               | 9.3   |
| Benzyl Alcohol              |        | 1.333               | 1.275  | 1.298  | 1.226               | 1.199  | 1.228               | 6.6   |
| 2-Methylphenol              |        | 1.250               | 1.208  | 1.226  | 1.151               | 1.125  | 1.162               | 5.8   |
| 2,2-oxybis(1-Chloropropane) |        | 2.420               | 2.317  | 2.313  | 2.112               | 2.048  | 2.158               | 9.0   |
| Acetophenone                |        | 0.575               | 0.535  | 0.521  | 0.470               | 0.459  | 0.491               | 11.0  |
| 3+4-Methylphenols           |        | 1.644               | 1.624  | 1.598  | 1.452               | 1.387  | 1.471               | 10.6  |
| n-Nitroso-di-n-propylamine  | 1.133  | 1.140               | 1.127  | 1.079  | 1.008               | 0.988  | 1.047               | 8.0   |
| Nitrobenzene-d5             |        | 0.244               | 0.277  | 0.321  | 0.327               | 0.338  | 0.313               | 12.2  |
| Hexachloroethane            |        | 0.587               | 0.573  | 0.584  | 0.544               | 0.538  | 0.553               | 5.3   |
| Nitrobenzene                |        | 0.288               | 0.319  | 0.364  | 0.367               | 0.371  | 0.349               | 9.5   |
| Isophorone                  |        | 0.744               | 0.706  | 0.714  | 0.657               | 0.654  | 0.680               | 6.1   |
| 2-Nitrophenol               |        | 0.067               | 0.080  | 0.107  | 0.127               | 0.142  | 0.118               | 29.3  |
| 2,4-Dimethylphenol          |        | 0.268               | 0.255  | 0.260  | 0.241               | 0.241  | 0.249               | 5.2   |
| bis(2-Chloroethoxy)methane  |        | 0.477               | 0.462  | 0.462  | 0.415               | 0.412  | 0.431               | 8.3   |
| 2,4-Dichlorophenol          |        | 0.286               | 0.289  | 0.295  | 0.278               | 0.281  | 0.282               | 3.4   |
| 1,2,4-Trichlorobenzene      |        | 0.354               | 0.335  | 0.337  | 0.312               | 0.304  | 0.319               | 7.4   |
| Benzoic acid                |        |                     | 0.099  | 0.152  | 0.178               | 0.198  | 0.178               | 26.6  |
| Naphthalene                 |        | 1.209               | 1.154  | 1.142  | 1.020               | 0.989  | 1.054               | 11.0  |
| 4-Chloroaniline             |        | 0.414               | 0.398  | 0.404  | 0.367               | 0.368  | 0.381               | 6.2   |
| Hexachlorobutadiene         |        | 0.208               | 0.199  | 0.196  | 0.182               | 0.181  | 0.188               | 7.1   |
| Caprolactam                 |        | 0.098               | 0.095  | 0.100  | 0.094               | 0.094  | 0.096               | 2.4   |
| 4-Chloro-3-methylphenol     |        | 0.330               | 0.320  | 0.327  | 0.309               | 0.304  | 0.313               | 4.2   |
| 2-Methylnaphthalene         |        | 0.772               | 0.740  | 0.732  | 0.642               | 0.629  | 0.674               | 10.8  |
| Hexachlorocyclopentadiene   |        | 0.165               | 0.176  | 0.189  | 0.187               | 0.189  | 0.182               | 5.0   |
| 2,4,6-Trichlorophenol       |        | 0.354               | 0.356  | 0.398  | 0.364               | 0.356  | 0.366               | 4.6   |

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.: BF122624

SAS No.: BF122624

SDG No.: BF122624

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

Calibration Date(s): 12/26/2024

Calibration Time(s): 16:23

|                            |        |                     |        |                     |        |                     |       |       |
|----------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
| LAB FILE ID:               |        | RRF2.5 = BF140970.D |        | RRF005 = BF140971.D |        | RRF010 = BF140972.D |       |       |
|                            |        | RRF020 = BF140973.D |        | RRF040 = BF140974.D |        | RRF050 = BF140975.D |       |       |
| COMPOUND                   | RRF2.5 | RRF005              | RRF010 | RRF020              | RRF040 | RRF050              | RRF   | % RSD |
| 2-Fluorobiphenyl           |        | 1.546               | 1.452  | 1.378               | 1.175  | 1.129               | 1.255 | 16.1  |
| 2,4,5-Trichlorophenol      |        | 0.371               | 0.389  | 0.377               | 0.380  | 0.386               | 0.375 | 3.2   |
| 1,1-Biphenyl               |        | 1.776               | 1.696  | 1.651               | 1.479  | 1.421               | 1.531 | 11.6  |
| 2-Chloronaphthalene        |        | 1.362               | 1.293  | 1.270               | 1.140  | 1.115               | 1.188 | 10.2  |
| 2-Nitroaniline             |        | 0.139               | 0.182  | 0.248               | 0.288  | 0.306               | 0.259 | 28.5  |
| Dimethylphthalate          |        | 1.438               | 1.414  | 1.389               | 1.285  | 1.246               | 1.316 | 7.4   |
| Acenaphthylene             |        | 1.934               | 1.869  | 1.824               | 1.654  | 1.619               | 1.710 | 9.8   |
| 2,6-Dinitrotoluene         |        | 0.128               | 0.173  | 0.233               | 0.256  | 0.269               | 0.231 | 25.2  |
| 3-Nitroaniline             |        | 0.153               | 0.197  | 0.260               | 0.281  | 0.289               | 0.255 | 22.6  |
| Acenaphthene               |        | 1.289               | 1.240  | 1.229               | 1.119  | 1.096               | 1.156 | 8.4   |
| 2,4-Dinitrophenol          |        |                     | 0.037  | 0.053               | 0.072  | 0.086               | 0.075 | 35.0  |
| 4-Nitrophenol              |        |                     | 0.166  | 0.213               | 0.229  | 0.237               | 0.225 | 14.4  |
| Dibenzofuran               |        | 1.857               | 1.780  | 1.743               | 1.565  | 1.523               | 1.624 | 10.5  |
| 2,4-Dinitrotoluene         |        | 0.136               | 0.187  | 0.265               | 0.310  | 0.326               | 0.273 | 30.1  |
| Diethylphthalate           |        | 1.433               | 1.386  | 1.369               | 1.266  | 1.230               | 1.299 | 7.5   |
| 4-Chlorophenyl-phenylether |        | 0.700               | 0.673  | 0.653               | 0.579  | 0.560               | 0.606 | 11.3  |
| Fluorene                   |        | 1.497               | 1.432  | 1.351               | 1.192  | 1.146               | 1.260 | 13.2  |
| 4-Nitroaniline             |        | 0.156               | 0.203  | 0.257               | 0.278  | 0.290               | 0.255 | 21.7  |
| 4,6-Dinitro-2-methylphenol |        |                     | 0.033  | 0.051               | 0.066  | 0.078               | 0.067 | 32.7  |
| n-Nitrosodiphenylamine     |        | 0.712               | 0.675  | 0.668               | 0.605  | 0.594               | 0.630 | 8.8   |
| Azobenzene                 |        | 1.502               | 1.465  | 1.448               | 1.319  | 1.295               | 1.363 | 7.8   |
| 2,4,6-Tribromophenol       |        | 0.177               | 0.189  | 0.203               | 0.196  | 0.198               | 0.194 | 4.6   |
| 4-Bromophenyl-phenylether  |        | 0.235               | 0.229  | 0.228               | 0.213  | 0.212               | 0.216 | 7.0   |
| Hexachlorobenzene          |        | 0.261               | 0.247  | 0.249               | 0.232  | 0.231               | 0.238 | 6.0   |
| Atrazine                   |        | 0.218               | 0.205  | 0.189               | 0.156  | 0.147               | 0.176 | 18.5  |
| Pentachlorophenol          |        | 0.122               | 0.137  | 0.154               | 0.155  | 0.156               | 0.148 | 9.4   |
| Phenanthrene               |        | 1.221               | 1.168  | 1.129               | 1.005  | 0.982               | 1.053 | 11.3  |
| Anthracene                 |        | 1.187               | 1.136  | 1.113               | 0.991  | 0.963               | 1.031 | 11.0  |
| Carbazole                  |        | 1.138               | 1.093  | 1.076               | 0.947  | 0.923               | 0.992 | 11.0  |
| Di-n-butylphthalate        |        | 1.248               | 1.238  | 1.237               | 1.083  | 1.054               | 1.128 | 9.7   |
| Fluoranthene               |        | 1.333               | 1.274  | 1.242               | 1.091  | 1.050               | 1.142 | 12.3  |
| Benzidine                  |        | 0.422               | 0.333  | 0.437               | 0.415  | 0.438               | 0.423 | 12.6  |
| Pyrene                     |        | 1.754               | 1.670  | 1.701               | 1.692  | 1.783               | 1.749 | 3.6   |
| Terphenyl-d14              |        | 1.275               | 1.181  | 1.188               | 1.141  | 1.194               | 1.204 | 3.6   |
| Butylbenzylphthalate       |        | 0.532               | 0.571  | 0.640               | 0.656  | 0.684               | 0.639 | 10.1  |
| 3,3-Dichlorobenzidine      |        | 0.474               | 0.455  | 0.455               | 0.403  | 0.382               | 0.419 | 9.8   |

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.: BF122624 SAS No.: BF122624 SDG No.: BF122624  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 12/26/2024  
Calibration Time(s): 16:23

|                            |        |                     |        |        |                     |        |                     |       |
|----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:               |        | RRF2.5 = BF140970.D |        |        | RRF005 = BF140971.D |        | RRF010 = BF140972.D |       |
|                            |        | RRF020 = BF140973.D |        |        | RRF040 = BF140974.D |        | RRF050 = BF140975.D |       |
| COMPOUND                   | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| Benzo(a)anthracene         |        | 1.573               | 1.452  | 1.437  | 1.369               | 1.340  | 1.394               | 7.4   |
| Chrysene                   |        | 1.341               | 1.330  | 1.327  | 1.208               | 1.194  | 1.257               | 5.7   |
| Bis(2-ethylhexyl)phthalate |        | 0.822               | 0.842  | 0.859  | 0.820               | 0.827  | 0.828               | 2.5   |
| Di-n-octyl phthalate       |        | 1.157               | 1.231  | 1.253  | 1.199               | 1.170  | 1.199               | 2.8   |
| Benzo(b)fluoranthene       |        | 1.360               | 1.564  | 1.479  | 1.417               | 1.306  | 1.395               | 7.2   |
| Benzo(k)fluoranthene       |        | 1.165               | 1.121  | 1.301  | 1.065               | 1.073  | 1.093               | 11.2  |
| Benzo(a)pyrene             |        | 1.146               | 1.108  | 1.137  | 1.069               | 1.047  | 1.083               | 4.6   |
| Indeno(1,2,3-cd)pyrene     |        | 1.050               | 1.009  | 1.224  | 1.311               | 1.397  | 1.260               | 13.7  |
| Dibenzo(a,h)anthracene     |        | 0.847               | 0.829  | 0.992  | 1.070               | 1.127  | 1.021               | 13.4  |
| Benzo(g,h,i)perylene       |        | 0.825               | 0.811  | 1.023  | 1.126               | 1.194  | 1.059               | 16.9  |
| 1,2,4,5-Tetrachlorobenzene |        | 0.602               | 0.586  | 0.586  | 0.535               | 0.527  | 0.550               | 7.5   |
| 1,4-Dioxane                |        | 0.630               | 0.621  | 0.624  | 0.597               | 0.587  | 0.601               | 4.3   |
| 2,3,4,6-Tetrachlorophenol  |        | 0.303               | 0.303  | 0.327  | 0.314               | 0.307  | 0.310               | 3.0   |
| 1-Methylnaphthalene        |        | 0.767               | 0.722  | 0.710  | 0.635               | 0.618  | 0.663               | 10.7  |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF123024 SAS No.: BF123024 SDG NO.: BF123024

EPA Sample No.: SSTDICCC040

Date Analyzed: Dec 30 2024 12:00AM

Lab File ID: BF140974.D

Time Analyzed: 09:50

Instrument ID: BNA\_F

GC Column: DB-UI ID: 0.18 (mm)

|    |                            | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT # | IS3 (ANT)<br>AREA # | RT #   |
|----|----------------------------|---------------------|-------|---------------------|------|---------------------|--------|
|    | 12 HOUR STD                | 264114              | 6.828 | 1.04702e+01         | 8.11 | 555398              | 9.86   |
|    | UPPER LIMIT                | 528228              | 7.328 | 2094040             | 8.61 | 1110796             | 10.363 |
|    | LOWER LIMIT                | 132057              | 6.328 | 523510              | 7.61 | 277699              | 9.363  |
|    | EPA SAMPLE NO.             |                     |       |                     |      |                     |        |
| 01 | PB165894BL                 | 294590              | 6.83  | 1.17709e            | 8.11 | 636803              | 9.86   |
| 02 | PB165894BS                 | 265480              | 6.83  | 1.06221e            | 8.12 | 563633              | 9.86   |
| 03 | PB165858TB                 | 261082              | 6.83  | 1.03581e            | 8.11 | 557988              | 9.86   |
| 04 | PB165875BS                 | 257073              | 6.83  | 1.02806e            | 8.11 | 552137              | 9.86   |
| 05 | PB165790BL                 | 238985              | 6.83  | 970773              | 8.11 | 524490              | 9.86   |
| 06 | PB165875BSD                | 245980              | 6.83  | 976708              | 8.11 | 520630              | 9.86   |
| 07 | PB165875BL                 | 246101              | 6.83  | 1.00128e            | 8.10 | 538150              | 9.86   |
| 08 | PB165872BS                 | 264760              | 6.83  | 1.07088e            | 8.11 | 573870              | 9.86   |
| 09 | TAPIAL3-IDW-SOIL-122024-T1 | 253415              | 6.83  | 1.01177e            | 8.10 | 540531              | 9.86   |
| 10 | PB165900BL                 | 267196              | 6.83  | 1.06886e            | 8.10 | 582448              | 9.86   |
| 11 | WC-SOIL-20241219           | 234997              | 6.83  | 939786              | 8.10 | 505899              | 9.86   |
| 12 | WC-SOIL-20241219MS         | 251281              | 6.83  | 1.0117e+            | 8.11 | 535091              | 9.86   |
| 13 | WC-SOIL-20241219MSD        | 266874              | 6.83  | 1.05995e            | 8.11 | 575830              | 9.86   |
| 14 | MOO-24-00398               | 256286              | 6.83  | 1.23807e            | 8.10 | 564716              | 9.86   |
| 15 | MOO-24-00395-96            | 253986              | 6.83  | 1.01821e            | 8.10 | 540893              | 9.86   |
| 16 | MOO-24-00397               | 248655              | 6.83  | 963386              | 8.10 | 487598              | 9.86   |
| 17 | MOO-24-00398               | 150094              | 6.84  | 341017 *            | 8.13 | 268521 *            | 9.87   |
| 18 | MOO-24-00395-96            | 230301              | 6.83  | 863346              | 8.10 | 360782              | 9.86   |
| 19 | NB-07-12272024             | 289232              | 6.83  | 1.1124e+            | 8.10 | 570701              | 9.86   |
| 20 | NB-07-12272024MS           | 245396              | 6.83  | 946041              | 8.11 | 467703              | 9.86   |
| 21 | NB-07-12272024MSD          | 251864              | 6.83  | 968357              | 8.11 | 473704              | 9.86   |
| 22 | EO-01-12272024             | 242814              | 6.83  | 870964              | 8.11 | 383795              | 9.86   |
| 23 | AU-06-122024               | 214473              | 6.83  | 741436              | 8.11 | 317819              | 9.86   |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF123024 SAS No.: BF123024 SDG NO.: BF123024

EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 30 2024 12:00AM

Lab File ID: BF140974.D Time Analyzed: 21:37

Instrument ID: BNA\_F GC Column: DB-UI ID: 0.18 (mm)

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT # | IS3 (ANT)<br>AREA # | RT #   |
|----------------|---------------------|-------|---------------------|------|---------------------|--------|
| 12 HOUR STD    | 264114              | 6.828 | 1.04702e+06         | 8.11 | 555398              | 9.86   |
| UPPER LIMIT    | 528228              | 7.328 | 2094040             | 8.61 | 1110796             | 10.363 |
| LOWER LIMIT    | 132057              | 6.328 | 523510              | 7.61 | 277699              | 9.363  |
| EPA SAMPLE NO. |                     |       |                     |      |                     |        |

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

\* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF123024 SAS No.: BF123024 SDG NO.: BF123024

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 30 2024 12:00AM

Lab File ID: BF141019.D Time Analyzed: 09:50

Instrument ID: BNA\_F GC Column: DB-UI ID: 0.18 (mm)

|                               | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #  | IS3 (ANT)<br>AREA # | RT #   |
|-------------------------------|---------------------|-------|---------------------|-------|---------------------|--------|
| 12 HOUR STD                   | 287798              | 6.834 | 1.12036e+01         | 8.12  | 589913              | 9.87   |
| UPPER LIMIT                   | 575596              | 7.334 | 2240720             | 8.616 | 1179826             | 10.369 |
| LOWER LIMIT                   | 143899              | 6.334 | 560180              | 7.616 | 294956.5            | 9.369  |
| EPA SAMPLE NO.                |                     |       |                     |       |                     |        |
| 01 PB165894BL                 | 294590              | 6.83  | 1.17709e            | 8.11  | 636803              | 9.86   |
| 02 PB165894BS                 | 265480              | 6.83  | 1.06221e            | 8.12  | 563633              | 9.86   |
| 03 PB165858TB                 | 261082              | 6.83  | 1.03581e            | 8.11  | 557988              | 9.86   |
| 04 PB165875BS                 | 257073              | 6.83  | 1.02806e            | 8.11  | 552137              | 9.86   |
| 05 PB165790BL                 | 238985              | 6.83  | 970773              | 8.11  | 524490              | 9.86   |
| 06 PB165875BSD                | 245980              | 6.83  | 976708              | 8.11  | 520630              | 9.86   |
| 07 PB165875BL                 | 246101              | 6.83  | 1.00128e            | 8.10  | 538150              | 9.86   |
| 08 PB165872BS                 | 264760              | 6.83  | 1.07088e            | 8.11  | 573870              | 9.86   |
| 09 TAPIAL3-IDW-SOIL-122024-T1 | 253415              | 6.83  | 1.01177e            | 8.10  | 540531              | 9.86   |

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.: BF123024 SAS No.: BF123024 SDG NO.: BF123024

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 30 2024 12:00AM

Lab File ID: BF141031.D Time Analyzed: 15:47

Instrument ID: BNA\_F GC Column: DB-UI ID: 0.18 (mm)

|                        | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT # | IS3 (ANT)<br>AREA # | RT #   |
|------------------------|---------------------|-------|---------------------|------|---------------------|--------|
| 12 HOUR STD            | 290764              | 6.828 | 1.13433e+01         | 8.11 | 604245              | 9.86   |
| UPPER LIMIT            | 581528              | 7.328 | 2268660             | 8.61 | 1208490             | 10.363 |
| LOWER LIMIT            | 145382              | 6.328 | 567165              | 7.61 | 302122.5            | 9.363  |
| EPA SAMPLE NO.         |                     |       |                     |      |                     |        |
| 01 PB165900BL          | 267196              | 6.83  | 1.06886e            | 8.10 | 582448              | 9.86   |
| 02 WC-SOIL-20241219    | 234997              | 6.83  | 939786              | 8.10 | 505899              | 9.86   |
| 03 WC-SOIL-20241219MS  | 251281              | 6.83  | 1.0117e+            | 8.11 | 535091              | 9.86   |
| 04 WC-SOIL-20241219MSD | 266874              | 6.83  | 1.05995e            | 8.11 | 575830              | 9.86   |
| 05 MOO-24-00398        | 256286              | 6.83  | 1.23807e            | 8.10 | 564716              | 9.86   |
| 06 MOO-24-00395-96     | 253986              | 6.83  | 1.01821e            | 8.10 | 540893              | 9.86   |
| 07 MOO-24-00397        | 248655              | 6.83  | 963386              | 8.10 | 487598              | 9.86   |
| 08 MOO-24-00398        | 150094              | 6.84  | 341017 *            | 8.13 | 268521 *            | 9.87   |
| 09 MOO-24-00395-96     | 230301              | 6.83  | 863346              | 8.10 | 360782              | 9.86   |
| 10 NB-07-12272024      | 289232              | 6.83  | 1.1124e+            | 8.10 | 570701              | 9.86   |
| 11 NB-07-12272024MS    | 245396              | 6.83  | 946041              | 8.11 | 467703              | 9.86   |
| 12 NB-07-12272024MSD   | 251864              | 6.83  | 968357              | 8.11 | 473704              | 9.86   |
| 13 EO-01-12272024      | 242814              | 6.83  | 870964              | 8.11 | 383795              | 9.86   |
| 14 AU-06-122024        | 214473              | 6.83  | 741436              | 8.11 | 317819              | 9.86   |

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.: BF123024 SAS No.: BF123024 SDG NO.: BF123024

EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 30 2024 12:00AM

Lab File ID: BF140974.D Time Analyzed: 09:50

Instrument ID: BNA\_F GC Column: DB-UI ID: 0.18 (mm)

|    |                            | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----|----------------------------|---------------------|--------|---------------------|--------|---------------------|--------|
|    |                            |                     |        |                     |        |                     |        |
|    | 12 HOUR STD                | 980435              | 11.345 | 652144              | 13.986 | 531798              | 15.445 |
|    | UPPER LIMIT                | 1960870             | 11.845 | 1304288             | 14.486 | 1063596             | 15.945 |
|    | LOWER LIMIT                | 490217.5            | 10.845 | 326072              | 13.486 | 265899              | 14.945 |
|    | EPA SAMPLE NO.             |                     |        |                     |        |                     |        |
| 01 | PB165894BL                 | 1.09433             | 11.35  | 805864              | 13.99  | 643549              | 15.45  |
| 02 | PB165894BS                 | 910683              | 11.35  | 524973              | 13.99  | 559032              | 15.46  |
| 03 | PB165858TB                 | 953209              | 11.35  | 718934              | 13.99  | 570504              | 15.45  |
| 04 | PB165875BS                 | 907991              | 11.35  | 558420              | 13.99  | 562877              | 15.45  |
| 05 | PB165790BL                 | 885926              | 11.35  | 625339              | 13.98  | 515809              | 15.45  |
| 06 | PB165875BSD                | 841953              | 11.35  | 491451              | 13.99  | 512529              | 15.45  |
| 07 | PB165875BL                 | 917789              | 11.35  | 648553              | 13.98  | 554058              | 15.45  |
| 08 | PB165872BS                 | 955460              | 11.35  | 652372              | 13.99  | 637255              | 15.45  |
| 09 | TAPIAL3-IDW-SOIL-122024-T1 | 938430              | 11.35  | 714431              | 13.98  | 541596              | 15.45  |
| 10 | PB165900BL                 | 998523              | 11.35  | 774271              | 13.98  | 614257              | 15.45  |
| 11 | WC-SOIL-20241219           | 867838              | 11.34  | 598109              | 13.98  | 465570              | 15.44  |
| 12 | WC-SOIL-20241219MS         | 915514              | 11.35  | 535605              | 13.99  | 510431              | 15.45  |
| 13 | WC-SOIL-20241219MSD        | 989877              | 11.35  | 628524              | 13.99  | 549749              | 15.44  |
| 14 | MOO-24-00398               | 957586              | 11.34  | 646175              | 13.98  | 526285              | 15.43  |
| 15 | MOO-24-00395-96            | 925437              | 11.34  | 625287              | 13.98  | 502783              | 15.43  |
| 16 | MOO-24-00397               | 669848              | 11.35  | 458962              | 13.98  | 507277              | 15.43  |
| 17 | MOO-24-00398               | 242952 *            | 11.39  | 409834              | 14.02  | 512914              | 15.47  |
| 18 | MOO-24-00395-96            | 308248 *            | 11.38  | 487222              | 13.99  | 579490              | 15.45  |
| 19 | NB-07-12272024             | 818165              | 11.34  | 442025              | 13.98  | 583482              | 15.44  |
| 20 | NB-07-12272024MS           | 657851              | 11.35  | 463453              | 13.99  | 491518              | 15.45  |
| 21 | NB-07-12272024MSD          | 653428              | 11.35  | 486352              | 13.99  | 510837              | 15.45  |

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF123024 SAS No.: BF123024 SDG NO.: BF123024

EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 30 2024 12:00AM

Lab File ID: BF140974.D Time Analyzed: 21:11

Instrument ID: BNA\_F GC Column: DB-UI ID: 0.18 (mm)

|                   | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|-------------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD       | 980435              | 11.345 | 652144              | 13.986 | 531798              | 15.445 |
| UPPER LIMIT       | 1960870             | 11.845 | 1304288             | 14.486 | 1063596             | 15.945 |
| LOWER LIMIT       | 490217.5            | 10.845 | 326072              | 13.486 | 265899              | 14.945 |
| EPA SAMPLE NO.    |                     |        |                     |        |                     |        |
| 22 EO-01-12272024 | 558939              | 11.35  | 499944              | 13.99  | 397440              | 15.45  |
| 23 AU-06-122024   | 493586              | 11.35  | 481756              | 13.99  | 366661              | 15.45  |

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.: BF123024 SAS No.: BF123024 SDG NO.: BF123024

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 30 2024 12:00AM

Lab File ID: BF141019.D Time Analyzed: 09:50

Instrument ID: BNA\_F GC Column: DB-UI ID: 0.18 (mm)

|                               | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|-------------------------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD                   | 999326              | 11.351 | 513499              | 13.992 | 572329              | 15.451 |
| UPPER LIMIT                   | 1998652             | 11.851 | 1026998             | 14.492 | 1144658             | 15.951 |
| LOWER LIMIT                   | 499663              | 10.851 | 256749.5            | 13.492 | 286164.5            | 14.951 |
| EPA SAMPLE NO.                |                     |        |                     |        |                     |        |
| 01 PB165894BL                 | 1.09433             | 11.35  | 805864              | 13.99  | 643549              | 15.45  |
| 02 PB165894BS                 | 910683              | 11.35  | 524973              | 13.99  | 559032              | 15.46  |
| 03 PB165858TB                 | 953209              | 11.35  | 718934              | 13.99  | 570504              | 15.45  |
| 04 PB165875BS                 | 907991              | 11.35  | 558420              | 13.99  | 562877              | 15.45  |
| 05 PB165790BL                 | 885926              | 11.35  | 625339              | 13.98  | 515809              | 15.45  |
| 06 PB165875BSD                | 841953              | 11.35  | 491451              | 13.99  | 512529              | 15.45  |
| 07 PB165875BL                 | 917789              | 11.35  | 648553              | 13.98  | 554058              | 15.45  |
| 08 PB165872BS                 | 955460              | 11.35  | 652372              | 13.99  | 637255              | 15.45  |
| 09 TAPIAL3-IDW-SOIL-122024-T1 | 938430              | 11.35  | 714431              | 13.98  | 541596              | 15.45  |

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.: BF123024 SAS No.: BF123024 SDG NO.: BF123024

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 30 2024 12:00AM

Lab File ID: BF141031.D Time Analyzed: 15:47

Instrument ID: BNA\_F GC Column: DB-UI ID: 0.18 (mm)

|                        | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|------------------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD            | 1.04212e+04         | 11.345 | 569163              | 13.986 | 568544              | 15.445 |
| UPPER LIMIT            | 2084240             | 11.845 | 1138326             | 14.486 | 1137088             | 15.945 |
| LOWER LIMIT            | 521060              | 10.845 | 284581.5            | 13.486 | 284272              | 14.945 |
| EPA SAMPLE NO.         |                     |        |                     |        |                     |        |
| 01 PB165900BL          | 998523              | 11.35  | 774271              | 13.98  | 614257              | 15.45  |
| 02 WC-SOIL-20241219    | 867838              | 11.34  | 598109              | 13.98  | 465570              | 15.44  |
| 03 WC-SOIL-20241219MS  | 915514              | 11.35  | 535605              | 13.99  | 510431              | 15.45  |
| 04 WC-SOIL-20241219MSD | 989877              | 11.35  | 628524              | 13.99  | 549749              | 15.44  |
| 05 MOO-24-00398        | 957586              | 11.34  | 646175              | 13.98  | 526285              | 15.43  |
| 06 MOO-24-00395-96     | 925437              | 11.34  | 625287              | 13.98  | 502783              | 15.43  |
| 07 MOO-24-00397        | 669848              | 11.35  | 458962              | 13.98  | 507277              | 15.43  |
| 08 MOO-24-00398        | 242952 *            | 11.39  | 409834              | 14.02  | 512914              | 15.47  |
| 09 MOO-24-00395-96     | 308248 *            | 11.38  | 487222              | 13.99  | 579490              | 15.45  |
| 10 NB-07-12272024      | 818165              | 11.34  | 442025              | 13.98  | 583482              | 15.44  |
| 11 NB-07-12272024MS    | 657851              | 11.35  | 463453              | 13.99  | 491518              | 15.45  |
| 12 NB-07-12272024MSD   | 653428              | 11.35  | 486352              | 13.99  | 510837              | 15.45  |
| 13 EO-01-12272024      | 558939              | 11.35  | 499944              | 13.99  | 397440              | 15.45  |
| 14 AU-06-122024        | 493586 *            | 11.35  | 481756              | 13.99  | 366661              | 15.45  |

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.: **BF123024**

Client:

Analytical Method: **8270E**

DataFile:

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |     |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|-----|
|               |                             |       |        |       |     |     |      | Qual | Low | High   | RPD |
| PB165872BS    | n-Nitrosodimethylamine      | 1700  | 1700   | ug/Kg | 100 |     |      |      | 57  | 103    |     |
|               | Pyridine                    | 1700  | 1600   | ug/Kg | 94  |     |      |      | 28  | 98     |     |
|               | Benzaldehyde                | 1700  | 360    | ug/Kg | 21  |     |      |      | 10  | 133    |     |
|               | Aniline                     | 1700  | 1600   | ug/Kg | 94  |     |      |      | 38  | 100    |     |
|               | Phenol                      | 1700  | 1700   | ug/Kg | 100 |     |      |      | 62  | 112    |     |
|               | bis(2-Chloroethyl)ether     | 1700  | 1700   | ug/Kg | 100 |     |      |      | 60  | 101    |     |
|               | 2-Chlorophenol              | 1700  | 1800   | ug/Kg | 106 |     |      |      | 65  | 112    |     |
|               | 1,2-Dichlorobenzene         | 1700  | 1700   | ug/Kg | 100 |     |      |      | 51  | 102    |     |
|               | 1,3-Dichlorobenzene         | 1700  | 1600   | ug/Kg | 94  |     |      |      | 52  | 99     |     |
|               | 1,4-Dichlorobenzene         | 1700  | 1600   | ug/Kg | 94  |     |      |      | 52  | 100    |     |
|               | Benzyl Alcohol              | 1700  | 1800   | ug/Kg | 106 |     |      |      | 42  | 116    |     |
|               | 2-Methylphenol              | 1700  | 1700   | ug/Kg | 100 |     |      |      | 61  | 108    |     |
|               | 2,2-oxybis(1-Chloropropane) | 1700  | 1700   | ug/Kg | 100 |     |      |      | 51  | 100    |     |
|               | Acetophenone                | 1700  | 1600   | ug/Kg | 94  |     |      |      | 66  | 98     |     |
|               | 3+4-Methylphenols           | 1700  | 1700   | ug/Kg | 100 |     |      |      | 58  | 111    |     |
|               | N-Nitroso-di-n-propylamine  | 1700  | 1700   | ug/Kg | 100 |     | *    |      | 63  | 95     |     |
|               | Hexachloroethane            | 1700  | 1700   | ug/Kg | 100 |     |      |      | 72  | 108    |     |
|               | Nitrobenzene                | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 57  | 101    |     |
|               | Isophorone                  | 1700  | 1700   | ug/Kg | 100 |     | *    |      | 59  | 99     |     |
|               | 2-Nitrophenol               | 1700  | 2000   | ug/Kg | 118 |     | *    |      | 61  | 111    |     |
|               | 2,4-Dimethylphenol          | 1700  | 2000   | ug/Kg | 118 |     |      |      | 46  | 141    |     |
|               | bis(2-Chloroethoxy)methane  | 1700  | 1700   | ug/Kg | 100 |     | *    |      | 66  | 97     |     |
|               | 2,4-Dichlorophenol          | 1700  | 1800   | ug/Kg | 106 |     |      |      | 62  | 107    |     |
|               | 1,2,4-Trichlorobenzene      | 1700  | 1600   | ug/Kg | 94  |     |      |      | 44  | 110    |     |
|               | Benzoic acid                | 1700  | 1800   | ug/Kg | 106 |     |      |      | 10  | 140    |     |
|               | Naphthalene                 | 1700  | 1600   | ug/Kg | 94  |     |      |      | 62  | 100    |     |
|               | 4-Chloroaniline             | 1700  | 700    | ug/Kg | 41  |     |      |      | 16  | 100    |     |
|               | Hexachlorobutadiene         | 1700  | 1600   | ug/Kg | 94  |     |      |      | 53  | 98     |     |
|               | Caprolactam                 | 1700  | 1700   | ug/Kg | 100 |     |      |      | 67  | 110    |     |
|               | 4-Chloro-3-methylphenol     | 1700  | 1700   | ug/Kg | 100 |     |      |      | 58  | 112    |     |
|               | 2-Methylnaphthalene         | 1700  | 1700   | ug/Kg | 100 |     |      |      | 60  | 104    |     |
|               | Hexachlorocyclopentadiene   | 3300  | 6200   | ug/Kg | 188 |     | *    |      | 45  | 165    |     |
|               | 2,4,6-Trichlorophenol       | 1700  | 1900   | ug/Kg | 112 |     | *    |      | 59  | 102    |     |
|               | 2,4,5-Trichlorophenol       | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 61  | 98     |     |
|               | 1,1-Biphenyl                | 1700  | 1600   | ug/Kg | 94  |     |      |      | 57  | 103    |     |
|               | 2-Chloronaphthalene         | 1700  | 1600   | ug/Kg | 94  |     |      |      | 58  | 99     |     |
|               | 2-Nitroaniline              | 1700  | 2000   | ug/Kg | 118 |     | *    |      | 66  | 101    |     |
|               | Dimethylphthalate           | 1700  | 1700   | ug/Kg | 100 |     | *    |      | 61  | 99     |     |
|               | Acenaphthylene              | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 63  | 101    |     |
|               | 2,6-Dinitrotoluene          | 1700  | 1900   | ug/Kg | 112 |     | *    |      | 61  | 104    |     |
|               | 3-Nitroaniline              | 1700  | 1100   | ug/Kg | 65  |     |      |      | 28  | 100    |     |
|               | Acenaphthene                | 1700  | 1900   | ug/Kg | 112 |     | *    |      | 57  | 104    |     |
|               | Total PAH                   | 27200 | 28100  | ug/Kg | 103 |     |      |      | 57  | 104    |     |
|               | 2,4-Dinitrophenol           | 3300  | 3800   | ug/Kg | 115 |     |      |      | 37  | 128    |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF123024**

Client:

Analytical Method: **8270E**

DataFile:

| Lab Sample ID | Parameter                         | Spike | Result | Unit  | Rec | RPD | RPD  |      | Limits |      | RPD |
|---------------|-----------------------------------|-------|--------|-------|-----|-----|------|------|--------|------|-----|
|               |                                   |       |        |       |     |     | Qual | Qual | Low    | High |     |
| PB165872BS    | 4-Nitrophenol                     | 3300  | 4100   | ug/Kg | 124 |     | *    |      | 48     | 119  |     |
|               | Dibenzofuran                      | 1700  | 1700   | ug/Kg | 100 |     | *    |      | 63     | 99   |     |
|               | 2,4-Dinitrotoluene/2,6-Dinitrotrc | 3400  | 4000   | ug/Kg | 118 |     | *    |      | 60     | 106  |     |
|               | 2,4-Dinitrotoluene                | 1700  | 2100   | ug/Kg | 124 |     | *    |      | 60     | 106  |     |
|               | Diethylphthalate                  | 1700  | 1700   | ug/Kg | 100 |     |      |      | 60     | 101  |     |
|               | 4-Chlorophenyl-phenylether        | 1700  | 1700   | ug/Kg | 100 |     | *    |      | 58     | 98   |     |
|               | Fluorene                          | 1700  | 1600   | ug/Kg | 94  |     |      |      | 61     | 101  |     |
|               | 4-Nitroaniline                    | 1700  | 1900   | ug/Kg | 112 |     | *    |      | 64     | 103  |     |
|               | 4,6-Dinitro-2-methylphenol        | 1700  | 2400   | ug/Kg | 141 |     | *    |      | 76     | 113  |     |
|               | N-Nitrosodiphenylamine            | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 71     | 99   |     |
|               | Azobenzene                        | 1700  | 1700   | ug/Kg | 100 |     |      |      | 54     | 103  |     |
|               | 4-Bromophenyl-phenylether         | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 66     | 102  |     |
|               | Hexachlorobenzene                 | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 64     | 98   |     |
|               | Atrazine                          | 1700  | 2300   | ug/Kg | 135 |     |      |      | 47     | 152  |     |
|               | Pentachlorophenol                 | 3300  | 3800   | ug/Kg | 115 |     | *    |      | 67     | 105  |     |
|               | Phenanthrene                      | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 59     | 103  |     |
|               | Anthracene                        | 1700  | 1900   | ug/Kg | 112 |     | *    |      | 61     | 105  |     |
|               | Carbazole                         | 1700  | 1700   | ug/Kg | 100 |     | *    |      | 61     | 99   |     |
|               | Di-n-butylphthalate               | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 58     | 104  |     |
|               | Fluoranthene                      | 1700  | 1700   | ug/Kg | 100 |     |      |      | 57     | 107  |     |
|               | Benzidine                         | 3300  | 1800   | ug/Kg | 55  |     |      |      | 10     | 98   |     |
|               | Pyrene                            | 1700  | 1700   | ug/Kg | 100 |     |      |      | 59     | 103  |     |
|               | Butylbenzylphthalate              | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 55     | 103  |     |
|               | 3,3-Dichlorobenzidine             | 1700  | 1100   | ug/Kg | 65  |     |      |      | 42     | 91   |     |
|               | Benzo(a)anthracene                | 1700  | 1600   | ug/Kg | 94  |     |      |      | 60     | 102  |     |
|               | Chrysene                          | 1700  | 1700   | ug/Kg | 100 |     |      |      | 59     | 101  |     |
|               | bis(2-Ethylhexyl)phthalate        | 1700  | 1700   | ug/Kg | 100 |     |      |      | 54     | 135  |     |
|               | Di-n-octyl phthalate              | 1700  | 1900   | ug/Kg | 112 |     |      |      | 52     | 137  |     |
|               | Benzo(b)fluoranthene              | 1700  | 1600   | ug/Kg | 94  |     |      |      | 62     | 109  |     |
|               | Benzo(k)fluoranthene              | 1700  | 1800   | ug/Kg | 106 |     |      |      | 62     | 109  |     |
|               | Benzo(a)pyrene                    | 1700  | 1900   | ug/Kg | 112 |     | *    |      | 63     | 103  |     |
|               | Indeno(1,2,3-cd)pyrene            | 1700  | 1900   | ug/Kg | 112 |     | *    |      | 63     | 101  |     |
|               | Dibenz(a,h)anthracene             | 1700  | 1900   | ug/Kg | 112 |     |      |      | 61     | 112  |     |
|               | Benzo(g,h,i)perylene              | 1700  | 1700   | ug/Kg | 100 |     |      |      | 70     | 108  |     |
|               | 1,2,4,5-Tetrachlorobenzene        | 1700  | 1700   | ug/Kg | 100 |     |      |      | 53     | 101  |     |
|               | 1,4-Dioxane                       | 1700  | 1400   | ug/Kg | 82  |     |      |      | 50     | 96   |     |
|               | 2,3,4,6-Tetrachlorophenol         | 1700  | 1900   | ug/Kg | 112 |     | *    |      | 59     | 108  |     |
|               | 1-Methylnaphthalene               | 1700  | 1600   | ug/Kg | 94  |     |      |      | 70     | 130  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF123024**

Client:

Analytical Method: **8270E**

DataFile:

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                             |       |        |      |     |     |      | Qual | Low    | High |     |
| PB165875BS    | n-Nitrosodimethylamine      | 50    | 46.1   | ug/L | 92  |     |      |      | 55     | 108  |     |
|               | Pyridine                    | 50    | 44.2   | ug/L | 88  |     |      |      | 29     | 97   |     |
|               | Benzaldehyde                | 50    | 9.5    | ug/L | 19  |     |      |      | 10     | 162  |     |
|               | Aniline                     | 50    | 45.5   | ug/L | 91  |     |      |      | 10     | 130  |     |
|               | Phenol                      | 50    | 49.7   | ug/L | 99  |     |      |      | 66     | 118  |     |
|               | bis(2-Chloroethyl)ether     | 50    | 46.8   | ug/L | 94  |     |      |      | 62     | 103  |     |
|               | 2-Chlorophenol              | 50    | 50.4   | ug/L | 101 |     |      |      | 70     | 117  |     |
|               | 1,2-Dichlorobenzene         | 50    | 47.9   | ug/L | 96  |     |      |      | 72     | 102  |     |
|               | 1,3-Dichlorobenzene         | 50    | 46.8   | ug/L | 94  |     |      |      | 71     | 103  |     |
|               | 1,4-Dichlorobenzene         | 50    | 46.7   | ug/L | 93  |     |      |      | 76     | 103  |     |
|               | Benzyl Alcohol              | 50    | 49.8   | ug/L | 100 |     | *    |      | 36     | 93   |     |
|               | 2-Methylphenol              | 50    | 49.3   | ug/L | 99  |     |      |      | 69     | 109  |     |
|               | 2,2-oxybis(1-Chloropropane) | 50    | 48.9   | ug/L | 98  |     |      |      | 65     | 100  |     |
|               | Acetophenone                | 50    | 47.1   | ug/L | 94  |     |      |      | 60     | 104  |     |
|               | 3+4-Methylphenols           | 50    | 47.5   | ug/L | 95  |     |      |      | 67     | 106  |     |
|               | N-Nitroso-di-n-propylamine  | 50    | 48.2   | ug/L | 96  |     |      |      | 57     | 107  |     |
|               | Hexachloroethane            | 50    | 48.1   | ug/L | 96  |     |      |      | 76     | 118  |     |
|               | Nitrobenzene                | 50    | 51.5   | ug/L | 103 |     |      |      | 58     | 106  |     |
|               | Isophorone                  | 50    | 49.3   | ug/L | 99  |     |      |      | 61     | 102  |     |
|               | 2-Nitrophenol               | 50    | 55.1   | ug/L | 110 |     |      |      | 70     | 115  |     |
|               | 2,4-Dimethylphenol          | 50    | 57.1   | ug/L | 114 |     |      |      | 42     | 142  |     |
|               | bis(2-Chloroethoxy)methane  | 50    | 47.6   | ug/L | 95  |     |      |      | 58     | 109  |     |
|               | 2,4-Dichlorophenol          | 50    | 50.5   | ug/L | 101 |     |      |      | 66     | 115  |     |
|               | 1,2,4-Trichlorobenzene      | 50    | 46.5   | ug/L | 93  |     |      |      | 41     | 115  |     |
|               | Benzoic acid                | 50    | 49.1   | ug/L | 98  |     |      |      | 10     | 125  |     |
|               | Naphthalene                 | 50    | 46.7   | ug/L | 93  |     |      |      | 64     | 107  |     |
|               | 4-Chloroaniline             | 50    | 21.6   | ug/L | 43  |     |      |      | 10     | 85   |     |
|               | Hexachlorobutadiene         | 50    | 47.6   | ug/L | 95  |     |      |      | 69     | 101  |     |
|               | Caprolactam                 | 50    | 48.6   | ug/L | 97  |     |      |      | 58     | 128  |     |
|               | 4-Chloro-3-methylphenol     | 50    | 48.6   | ug/L | 97  |     |      |      | 65     | 114  |     |
|               | 2-Methylnaphthalene         | 50    | 48.4   | ug/L | 97  |     |      |      | 64     | 107  |     |
|               | Hexachlorocyclopentadiene   | 100   | 180    | ug/L | 180 |     | *    |      | 36     | 160  |     |
|               | 2,4,6-Trichlorophenol       | 50    | 52.3   | ug/L | 105 |     |      |      | 61     | 110  |     |
|               | 2,4,5-Trichlorophenol       | 50    | 50.7   | ug/L | 101 |     |      |      | 70     | 106  |     |
|               | 1,1-Biphenyl                | 50    | 47.9   | ug/L | 96  |     |      |      | 72     | 98   |     |
|               | 2-Chloronaphthalene         | 50    | 46.7   | ug/L | 93  |     |      |      | 59     | 106  |     |
|               | 2-Nitroaniline              | 50    | 55     | ug/L | 110 |     |      |      | 73     | 114  |     |
|               | Dimethylphthalate           | 50    | 49.9   | ug/L | 100 |     |      |      | 64     | 103  |     |
|               | Acenaphthylene              | 50    | 50.6   | ug/L | 101 |     |      |      | 79     | 103  |     |
|               | 2,6-Dinitrotoluene          | 50    | 51.9   | ug/L | 104 |     |      |      | 64     | 110  |     |
|               | 3-Nitroaniline              | 50    | 31.5   | ug/L | 63  |     |      |      | 28     | 100  |     |
|               | Acenaphthene                | 50    | 53.4   | ug/L | 107 |     |      |      | 59     | 113  |     |
|               | Total PAH                   | 800   | 819.9  | ug/L | 102 |     |      |      | 59     | 113  |     |
|               | 2,4-Dinitrophenol           | 100   | 100    | ug/L | 100 |     |      |      | 36     | 166  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF123024**

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

Analytical Method: **8270E**

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

| Lab Sample ID | Parameter                         | Spike | Result | Unit | Rec | RPD | RPD  |      | Limits |      |     |
|---------------|-----------------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                                   |       |        |      |     |     | Qual | Qual | Low    | High | RPD |
| PB165875BS    | 4-Nitrophenol                     | 100   | 110    | ug/L | 110 |     |      |      | 45     | 147  |     |
|               | Dibenzofuran                      | 50    | 48.3   | ug/L | 97  |     |      |      | 65     | 106  |     |
|               | 2,4-Dinitrotoluene/2,6-Dinitrotrc | 100   | 109.2  | ug/L | 109 |     |      |      | 60     | 115  |     |
|               | 2,4-Dinitrotoluene                | 50    | 57.3   | ug/L | 115 |     |      |      | 60     | 115  |     |
|               | Diethylphthalate                  | 50    | 49     | ug/L | 98  |     |      |      | 63     | 105  |     |
|               | 4-Chlorophenyl-phenylether        | 50    | 48     | ug/L | 96  |     |      |      | 61     | 104  |     |
|               | Fluorene                          | 50    | 47.4   | ug/L | 95  |     |      |      | 64     | 107  |     |
|               | 4-Nitroaniline                    | 50    | 51.4   | ug/L | 103 |     |      |      | 55     | 125  |     |
|               | 4,6-Dinitro-2-methylphenol        | 50    | 62.9   | ug/L | 126 |     |      |      | 62     | 132  |     |
|               | N-Nitrosodiphenylamine            | 50    | 52.5   | ug/L | 105 |     |      |      | 61     | 109  |     |
|               | Azobenzene                        | 50    | 48.3   | ug/L | 97  |     |      |      | 59     | 106  |     |
|               | 4-Bromophenyl-phenylether         | 50    | 54     | ug/L | 108 |     | *    |      | 73     | 103  |     |
|               | Hexachlorobenzene                 | 50    | 52.5   | ug/L | 105 |     |      |      | 73     | 106  |     |
|               | Atrazine                          | 50    | 64.2   | ug/L | 128 |     | *    |      | 76     | 120  |     |
|               | Pentachlorophenol                 | 100   | 110    | ug/L | 110 |     |      |      | 47     | 114  |     |
|               | Phenanthrene                      | 50    | 51.9   | ug/L | 104 |     |      |      | 62     | 109  |     |
|               | Anthracene                        | 50    | 53.5   | ug/L | 107 |     |      |      | 65     | 110  |     |
|               | Carbazole                         | 50    | 48.9   | ug/L | 98  |     |      |      | 62     | 106  |     |
|               | Di-n-butylphthalate               | 50    | 51     | ug/L | 102 |     |      |      | 64     | 106  |     |
|               | Fluoranthene                      | 50    | 48.2   | ug/L | 96  |     |      |      | 64     | 110  |     |
|               | Benzidine                         | 100   | 53.6   | ug/L | 54  |     |      |      | 10     | 94   |     |
|               | Pyrene                            | 50    | 51.2   | ug/L | 102 |     |      |      | 71     | 103  |     |
|               | Butylbenzylphthalate              | 50    | 51.8   | ug/L | 104 |     |      |      | 61     | 105  |     |
|               | 3,3-Dichlorobenzidine             | 50    | 31.2   | ug/L | 62  |     |      |      | 43     | 108  |     |
|               | Benzo(a)anthracene                | 50    | 47.8   | ug/L | 96  |     |      |      | 62     | 107  |     |
|               | Chrysene                          | 50    | 49.3   | ug/L | 99  |     |      |      | 61     | 108  |     |
|               | bis(2-Ethylhexyl)phthalate        | 50    | 48.1   | ug/L | 96  |     |      |      | 59     | 110  |     |
|               | Di-n-octyl phthalate              | 50    | 53.4   | ug/L | 107 |     |      |      | 52     | 139  |     |
|               | Benzo(b)fluoranthene              | 50    | 45.2   | ug/L | 90  |     |      |      | 77     | 113  |     |
|               | Benzo(k)fluoranthene              | 50    | 50.3   | ug/L | 101 |     |      |      | 77     | 105  |     |
|               | Benzo(a)pyrene                    | 50    | 52.8   | ug/L | 106 |     |      |      | 72     | 131  |     |
|               | Indeno(1,2,3-cd)pyrene            | 50    | 59.1   | ug/L | 118 |     | *    |      | 72     | 105  |     |
|               | Dibenz(a,h)anthracene             | 50    | 58.4   | ug/L | 117 |     | *    |      | 78     | 115  |     |
|               | Benzo(g,h,i)perylene              | 50    | 54.1   | ug/L | 108 |     |      |      | 75     | 118  |     |
|               | 1,2,4,5-Tetrachlorobenzene        | 50    | 48.3   | ug/L | 97  |     |      |      | 72     | 101  |     |
|               | 1,4-Dioxane                       | 50    | 40     | ug/L | 80  |     |      |      | 38     | 125  |     |
|               | 2,3,4,6-Tetrachlorophenol         | 50    | 54.4   | ug/L | 109 |     |      |      | 63     | 116  |     |
|               | 1-Methylnaphthalene               | 50    | 45.6   | ug/L | 91  |     |      |      | 51     | 114  |     |
| PB165875BSD   | n-Nitrosodimethylamine            | 50    | 46.4   | ug/L | 93  | 1   |      |      | 55     | 108  | 20  |
|               | Pyridine                          | 50    | 45     | ug/L | 90  | 2   |      |      | 29     | 97   | 20  |
|               | Benzaldehyde                      | 50    | 10.8   | ug/L | 22  | 13  |      |      | 10     | 162  | 20  |
|               | Aniline                           | 50    | 41.2   | ug/L | 82  | 10  |      |      | 10     | 130  | 20  |
|               | Phenol                            | 50    | 48.9   | ug/L | 98  | 2   |      |      | 66     | 118  | 20  |
|               | bis(2-Chloroethyl)ether           | 50    | 46.8   | ug/L | 94  | 0   |      |      | 62     | 103  | 20  |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF123024**

Client:

Analytical Method: **8270E**

DataFile:

| Lab Sample ID | Parameter                      | Spike | Result | Unit | Rec | RPD | RPD  |      | Low | Limits |     |
|---------------|--------------------------------|-------|--------|------|-----|-----|------|------|-----|--------|-----|
|               |                                |       |        |      |     |     | Qual | Qual |     | High   | RPD |
| PB165875BSD   | 2-Chlorophenol                 | 50    | 50     | ug/L | 100 | 1   |      |      | 70  | 117    | 20  |
|               | 1,2-Dichlorobenzene            | 50    | 48.2   | ug/L | 96  | 1   |      |      | 72  | 102    | 20  |
|               | 1,3-Dichlorobenzene            | 50    | 46.6   | ug/L | 93  | 0   |      |      | 71  | 103    | 20  |
|               | 1,4-Dichlorobenzene            | 50    | 47     | ug/L | 94  | 1   |      |      | 76  | 103    | 20  |
|               | Benzyl Alcohol                 | 50    | 49.5   | ug/L | 99  | 1   | *    |      | 36  | 93     | 20  |
|               | 2-Methylphenol                 | 50    | 48.5   | ug/L | 97  | 2   |      |      | 69  | 109    | 20  |
|               | 2,2-oxybis(1-Chloropropane)    | 50    | 48.8   | ug/L | 98  | 0   |      |      | 65  | 100    | 20  |
|               | Acetophenone                   | 50    | 47.4   | ug/L | 95  | 1   |      |      | 60  | 104    | 20  |
|               | 3+4-Methylphenols              | 50    | 47.2   | ug/L | 94  | 1   |      |      | 67  | 106    | 20  |
|               | N-Nitroso-di-n-propylamine     | 50    | 47.6   | ug/L | 95  | 1   |      |      | 57  | 107    | 20  |
|               | Hexachloroethane               | 50    | 48     | ug/L | 96  | 0   |      |      | 76  | 118    | 20  |
|               | Nitrobenzene                   | 50    | 51.7   | ug/L | 103 | 0   |      |      | 58  | 106    | 20  |
|               | Isophorone                     | 50    | 49.2   | ug/L | 98  | 0   |      |      | 61  | 102    | 20  |
|               | 2-Nitrophenol                  | 50    | 56.5   | ug/L | 113 | 3   |      |      | 70  | 115    | 20  |
|               | 2,4-Dimethylphenol             | 50    | 57.6   | ug/L | 115 | 1   |      |      | 42  | 142    | 20  |
|               | bis(2-Chloroethoxy)methane     | 50    | 47.4   | ug/L | 95  | 0   |      |      | 58  | 109    | 20  |
|               | 2,4-Dichlorophenol             | 50    | 50.2   | ug/L | 100 | 1   |      |      | 66  | 115    | 20  |
|               | 1,2,4-Trichlorobenzene         | 50    | 46.7   | ug/L | 93  | 0   |      |      | 41  | 115    | 20  |
|               | Benzoic acid                   | 50    | 52.4   | ug/L | 105 | 7   |      |      | 10  | 125    | 20  |
|               | Naphthalene                    | 50    | 47.1   | ug/L | 94  | 1   |      |      | 64  | 107    | 20  |
|               | 4-Chloroaniline                | 50    | 17.2   | ug/L | 34  | 23  |      | *    | 10  | 85     | 20  |
|               | Hexachlorobutadiene            | 50    | 47.2   | ug/L | 94  | 1   |      |      | 69  | 101    | 20  |
|               | Caprolactam                    | 50    | 48     | ug/L | 96  | 1   |      |      | 58  | 128    | 20  |
|               | 4-Chloro-3-methylphenol        | 50    | 48.2   | ug/L | 96  | 1   |      |      | 65  | 114    | 20  |
|               | 2-Methylnaphthalene            | 50    | 48.4   | ug/L | 97  | 0   |      |      | 64  | 107    | 20  |
|               | Hexachlorocyclopentadiene      | 100   | 180    | ug/L | 180 | 0   | *    |      | 36  | 160    | 20  |
|               | 2,4,6-Trichlorophenol          | 50    | 53     | ug/L | 106 | 1   |      |      | 61  | 110    | 20  |
|               | 2,4,5-Trichlorophenol          | 50    | 50.1   | ug/L | 100 | 1   |      |      | 70  | 106    | 20  |
|               | 1,1-Biphenyl                   | 50    | 48.1   | ug/L | 96  | 0   |      |      | 72  | 98     | 20  |
|               | 2-Chloronaphthalene            | 50    | 47.2   | ug/L | 94  | 1   |      |      | 59  | 106    | 20  |
|               | 2-Nitroaniline                 | 50    | 54.5   | ug/L | 109 | 1   |      |      | 73  | 114    | 20  |
|               | Dimethylphthalate              | 50    | 49.3   | ug/L | 99  | 1   |      |      | 64  | 103    | 20  |
|               | Acenaphthylene                 | 50    | 50.2   | ug/L | 100 | 1   |      |      | 79  | 103    | 20  |
|               | 2,6-Dinitrotoluene             | 50    | 51.6   | ug/L | 103 | 1   |      |      | 64  | 110    | 20  |
|               | 3-Nitroaniline                 | 50    | 28.3   | ug/L | 57  | 11  |      |      | 28  | 100    | 20  |
|               | Acenaphthene                   | 50    | 53     | ug/L | 106 | 1   |      |      | 59  | 113    | 20  |
|               | Total PAH                      | 800   | 815.8  | ug/L | 102 | 1   |      |      | 59  | 113    | 20  |
|               | 2,4-Dinitrophenol              | 100   | 100    | ug/L | 100 | 0   |      |      | 36  | 166    | 20  |
|               | 4-Nitrophenol                  | 100   | 110    | ug/L | 110 | 0   |      |      | 45  | 147    | 20  |
|               | Dibenzofuran                   | 50    | 48.9   | ug/L | 98  | 1   |      |      | 65  | 106    | 20  |
|               | 2,4-Dinitrotoluene/2,6-Dinitro | 100   | 107.2  | ug/L | 107 | 2   |      |      | 60  | 115    | 20  |
|               | 2,4-Dinitrotoluene             | 50    | 55.6   | ug/L | 111 | 3   |      |      | 60  | 115    | 20  |
|               | Diethylphthalate               | 50    | 48.3   | ug/L | 97  | 1   |      |      | 63  | 105    | 20  |
|               | 4-Chlorophenyl-phenylether     | 50    | 47.7   | ug/L | 95  | 1   |      |      | 61  | 104    | 20  |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF123024**

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

Analytical Method: **8270E**

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | RPD  |      | Low | Limits |     |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|-----|
|               |                            |       |        |      |     |     | Qual | Qual |     | High   | RPD |
| PB165875BSD   | Fluorene                   | 50    | 46.7   | ug/L | 93  | 1   |      |      | 64  | 107    | 20  |
|               | 4-Nitroaniline             | 50    | 48.7   | ug/L | 97  | 5   |      |      | 55  | 125    | 20  |
|               | 4,6-Dinitro-2-methylphenol | 50    | 62.7   | ug/L | 125 | 0   |      |      | 62  | 132    | 20  |
|               | N-Nitrosodiphenylamine     | 50    | 52.7   | ug/L | 105 | 0   |      |      | 61  | 109    | 20  |
|               | Azobenzene                 | 50    | 47.3   | ug/L | 95  | 2   |      |      | 59  | 106    | 20  |
|               | 4-Bromophenyl-phenylether  | 50    | 54.2   | ug/L | 108 | 0   | *    |      | 73  | 103    | 20  |
|               | Hexachlorobenzene          | 50    | 51.5   | ug/L | 103 | 2   |      |      | 73  | 106    | 20  |
|               | Atrazine                   | 50    | 62.8   | ug/L | 126 | 2   | *    |      | 76  | 120    | 20  |
|               | Pentachlorophenol          | 100   | 100    | ug/L | 100 | 10  |      |      | 47  | 114    | 20  |
|               | Phenanthrene               | 50    | 51     | ug/L | 102 | 2   |      |      | 62  | 109    | 20  |
|               | Anthracene                 | 50    | 52.9   | ug/L | 106 | 1   |      |      | 65  | 110    | 20  |
|               | Carbazole                  | 50    | 47.5   | ug/L | 95  | 3   |      |      | 62  | 106    | 20  |
|               | Di-n-butylphthalate        | 50    | 49.4   | ug/L | 99  | 3   |      |      | 64  | 106    | 20  |
|               | Fluoranthene               | 50    | 45.8   | ug/L | 92  | 5   |      |      | 64  | 110    | 20  |
|               | Benzidine                  | 100   | 42.5   | ug/L | 43  | 23  |      | *    | 10  | 94     | 20  |
|               | Pyrene                     | 50    | 51.4   | ug/L | 103 | 0   |      |      | 71  | 103    | 20  |
|               | Butylbenzylphthalate       | 50    | 50.4   | ug/L | 101 | 3   |      |      | 61  | 105    | 20  |
|               | 3,3-Dichlorobenzidine      | 50    | 28.1   | ug/L | 56  | 10  |      |      | 43  | 108    | 20  |
|               | Benzo(a)anthracene         | 50    | 48.6   | ug/L | 97  | 2   |      |      | 62  | 107    | 20  |
|               | Chrysene                   | 50    | 47     | ug/L | 94  | 5   |      |      | 61  | 108    | 20  |
|               | bis(2-Ethylhexyl)phthalate | 50    | 47.5   | ug/L | 95  | 1   |      |      | 59  | 110    | 20  |
|               | Di-n-octyl phthalate       | 50    | 52.7   | ug/L | 105 | 1   |      |      | 52  | 139    | 20  |
|               | Benzo(b)fluoranthene       | 50    | 44.9   | ug/L | 90  | 1   |      |      | 77  | 113    | 20  |
|               | Benzo(k)fluoranthene       | 50    | 48.7   | ug/L | 97  | 3   |      |      | 77  | 105    | 20  |
|               | Benzo(a)pyrene             | 50    | 52.9   | ug/L | 106 | 0   |      |      | 72  | 131    | 20  |
|               | Indeno(1,2,3-cd)pyrene     | 50    | 60.4   | ug/L | 121 | 2   | *    |      | 72  | 105    | 20  |
|               | Dibenz(a,h)anthracene      | 50    | 60     | ug/L | 120 | 3   | *    |      | 78  | 115    | 20  |
|               | Benzo(g,h,i)perylene       | 50    | 55.2   | ug/L | 110 | 2   |      |      | 75  | 118    | 20  |
|               | 1,2,4,5-Tetrachlorobenzene | 50    | 48.6   | ug/L | 97  | 1   |      |      | 72  | 101    | 20  |
|               | 1,4-Dioxane                | 50    | 41.5   | ug/L | 83  | 4   |      |      | 38  | 125    | 20  |
|               | 2,3,4,6-Tetrachlorophenol  | 50    | 53     | ug/L | 106 | 3   |      |      | 63  | 116    | 20  |
|               | 1-Methylnaphthalene        | 50    | 45.8   | ug/L | 92  | 0   |      |      | 51  | 114    | 20  |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF123024**

Client:

Analytical Method: **8270E**

DataFile:

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                             |       |        |      |     |     |      | Qual | Low    | High |     |
| PB165894BS    | n-Nitrosodimethylamine      | 50    | 47.7   | ug/L | 95  |     |      |      | 55     | 108  |     |
|               | Pyridine                    | 50    | 45.5   | ug/L | 91  |     |      |      | 29     | 97   |     |
|               | Benzaldehyde                | 50    | 9.6    | ug/L | 19  |     |      |      | 10     | 162  |     |
|               | Aniline                     | 50    | 51.6   | ug/L | 103 |     |      |      | 10     | 130  |     |
|               | Phenol                      | 50    | 50.9   | ug/L | 102 |     |      |      | 66     | 118  |     |
|               | bis(2-Chloroethyl)ether     | 50    | 48     | ug/L | 96  |     |      |      | 62     | 103  |     |
|               | 2-Chlorophenol              | 50    | 51.6   | ug/L | 103 |     |      |      | 70     | 117  |     |
|               | 1,2-Dichlorobenzene         | 50    | 49.1   | ug/L | 98  |     |      |      | 72     | 102  |     |
|               | 1,3-Dichlorobenzene         | 50    | 47.4   | ug/L | 95  |     |      |      | 71     | 103  |     |
|               | 1,4-Dichlorobenzene         | 50    | 47.7   | ug/L | 95  |     |      |      | 76     | 103  |     |
|               | Benzyl Alcohol              | 50    | 51     | ug/L | 102 |     | *    |      | 36     | 93   |     |
|               | 2-Methylphenol              | 50    | 50.1   | ug/L | 100 |     |      |      | 69     | 109  |     |
|               | 2,2-oxybis(1-Chloropropane) | 50    | 50.2   | ug/L | 100 |     |      |      | 65     | 100  |     |
|               | Acetophenone                | 50    | 48     | ug/L | 96  |     |      |      | 60     | 104  |     |
|               | 3+4-Methylphenols           | 50    | 48.9   | ug/L | 98  |     |      |      | 67     | 106  |     |
|               | N-Nitroso-di-n-propylamine  | 50    | 48.9   | ug/L | 98  |     |      |      | 57     | 107  |     |
|               | Hexachloroethane            | 50    | 49.2   | ug/L | 98  |     |      |      | 76     | 118  |     |
|               | Nitrobenzene                | 50    | 51.7   | ug/L | 103 |     |      |      | 58     | 106  |     |
|               | Isophorone                  | 50    | 50.6   | ug/L | 101 |     |      |      | 61     | 102  |     |
|               | 2-Nitrophenol               | 50    | 53.7   | ug/L | 107 |     |      |      | 70     | 115  |     |
|               | 2,4-Dimethylphenol          | 50    | 58.6   | ug/L | 117 |     |      |      | 42     | 142  |     |
|               | bis(2-Chloroethoxy)methane  | 50    | 49.1   | ug/L | 98  |     |      |      | 58     | 109  |     |
|               | 2,4-Dichlorophenol          | 50    | 50.7   | ug/L | 101 |     |      |      | 66     | 115  |     |
|               | 1,2,4-Trichlorobenzene      | 50    | 47.3   | ug/L | 95  |     |      |      | 41     | 115  |     |
|               | Benzoic acid                | 50    | 48.7   | ug/L | 97  |     |      |      | 10     | 125  |     |
|               | Naphthalene                 | 50    | 47.9   | ug/L | 96  |     |      |      | 64     | 107  |     |
|               | 4-Chloroaniline             | 50    | 26.3   | ug/L | 53  |     |      |      | 10     | 85   |     |
|               | Hexachlorobutadiene         | 50    | 48.2   | ug/L | 96  |     |      |      | 69     | 101  |     |
|               | Caprolactam                 | 50    | 49.9   | ug/L | 100 |     |      |      | 58     | 128  |     |
|               | 4-Chloro-3-methylphenol     | 50    | 49.4   | ug/L | 99  |     |      |      | 65     | 114  |     |
|               | 2-Methylnaphthalene         | 50    | 49.3   | ug/L | 99  |     |      |      | 64     | 107  |     |
|               | Hexachlorocyclopentadiene   | 100   | 180    | ug/L | 180 |     | *    |      | 36     | 160  |     |
|               | 2,4,6-Trichlorophenol       | 50    | 52.9   | ug/L | 106 |     |      |      | 61     | 110  |     |
|               | 2,4,5-Trichlorophenol       | 50    | 53.4   | ug/L | 107 |     | *    |      | 70     | 106  |     |
|               | 1,1-Biphenyl                | 50    | 49.6   | ug/L | 99  |     | *    |      | 72     | 98   |     |
|               | 2-Chloronaphthalene         | 50    | 48.2   | ug/L | 96  |     |      |      | 59     | 106  |     |
|               | 2-Nitroaniline              | 50    | 54.4   | ug/L | 109 |     |      |      | 73     | 114  |     |
|               | Dimethylphthalate           | 50    | 51     | ug/L | 102 |     |      |      | 64     | 103  |     |
|               | Acenaphthylene              | 50    | 51.7   | ug/L | 103 |     |      |      | 79     | 103  |     |
|               | 2,6-Dinitrotoluene          | 50    | 51.7   | ug/L | 103 |     |      |      | 64     | 110  |     |
|               | 3-Nitroaniline              | 50    | 33.9   | ug/L | 68  |     |      |      | 28     | 100  |     |
|               | Acenaphthene                | 50    | 54     | ug/L | 108 |     |      |      | 59     | 113  |     |
|               | Total PAH                   | 800   | 837.4  | ug/L | 105 |     |      |      | 59     | 113  |     |
|               | 2,4-Dinitrophenol           | 100   | 99.3   | ug/L | 99  |     |      |      | 36     | 166  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF123024**

Client:

Analytical Method: **8270E**

DataFile:

| Lab Sample ID | Parameter                        | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|----------------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                                  |       |        |      |     |     |      | Qual | Low    | High |     |
| PB165894BS    | 4-Nitrophenol                    | 100   | 110    | ug/L | 110 |     |      |      | 45     | 147  |     |
|               | Dibenzofuran                     | 50    | 49.2   | ug/L | 98  |     |      |      | 65     | 106  |     |
|               | 2,4-Dinitrotoluene               | 50    | 55.4   | ug/L | 111 |     |      |      | 60     | 115  |     |
|               | 2,4-Dinitrotoluene/2,6-Dinitrotr | 100   | 107.1  | ug/L | 107 |     |      |      | 60     | 115  |     |
|               | Diethylphthalate                 | 50    | 49.6   | ug/L | 99  |     |      |      | 63     | 105  |     |
|               | 4-Chlorophenyl-phenylether       | 50    | 49.4   | ug/L | 99  |     |      |      | 61     | 104  |     |
|               | Fluorene                         | 50    | 48.7   | ug/L | 97  |     |      |      | 64     | 107  |     |
|               | 4-Nitroaniline                   | 50    | 49.8   | ug/L | 100 |     |      |      | 55     | 125  |     |
|               | 4,6-Dinitro-2-methylphenol       | 50    | 59.9   | ug/L | 120 |     |      |      | 62     | 132  |     |
|               | N-Nitrosodiphenylamine           | 50    | 54.7   | ug/L | 109 |     |      |      | 61     | 109  |     |
|               | Azobenzene                       | 50    | 49.4   | ug/L | 99  |     |      |      | 59     | 106  |     |
|               | 4-Bromophenyl-phenylether        | 50    | 55.9   | ug/L | 112 |     | *    |      | 73     | 103  |     |
|               | Hexachlorobenzene                | 50    | 54.3   | ug/L | 109 |     | *    |      | 73     | 106  |     |
|               | Atrazine                         | 50    | 65.2   | ug/L | 130 |     | *    |      | 76     | 120  |     |
|               | Pentachlorophenol                | 100   | 110    | ug/L | 110 |     |      |      | 47     | 114  |     |
|               | Phenanthrene                     | 50    | 52.8   | ug/L | 106 |     |      |      | 62     | 109  |     |
|               | Anthracene                       | 50    | 54.7   | ug/L | 109 |     |      |      | 65     | 110  |     |
|               | Carbazole                        | 50    | 49.8   | ug/L | 100 |     |      |      | 62     | 106  |     |
|               | Di-n-butylphthalate              | 50    | 51     | ug/L | 102 |     |      |      | 64     | 106  |     |
|               | Fluoranthene                     | 50    | 46.7   | ug/L | 93  |     |      |      | 64     | 110  |     |
|               | Benzidine                        | 100   | 60.6   | ug/L | 61  |     |      |      | 10     | 94   |     |
|               | Pyrene                           | 50    | 53.4   | ug/L | 107 |     | *    |      | 71     | 103  |     |
|               | Butylbenzylphthalate             | 50    | 51.9   | ug/L | 104 |     |      |      | 61     | 105  |     |
|               | 3,3-Dichlorobenzidine            | 50    | 36.2   | ug/L | 72  |     |      |      | 43     | 108  |     |
|               | Benzo(a)anthracene               | 50    | 47.8   | ug/L | 96  |     |      |      | 62     | 107  |     |
|               | Chrysene                         | 50    | 50.5   | ug/L | 101 |     |      |      | 61     | 108  |     |
|               | bis(2-Ethylhexyl)phthalate       | 50    | 48     | ug/L | 96  |     |      |      | 59     | 110  |     |
|               | Di-n-octyl phthalate             | 50    | 54.4   | ug/L | 109 |     |      |      | 52     | 139  |     |
|               | Benzo(b)fluoranthene             | 50    | 47.2   | ug/L | 94  |     |      |      | 77     | 113  |     |
|               | Benzo(k)fluoranthene             | 50    | 48     | ug/L | 96  |     |      |      | 77     | 105  |     |
|               | Benzo(a)pyrene                   | 50    | 53.8   | ug/L | 108 |     |      |      | 72     | 131  |     |
|               | Indeno(1,2,3-cd)pyrene           | 50    | 62.1   | ug/L | 124 |     | *    |      | 72     | 105  |     |
|               | Dibenz(a,h)anthracene            | 50    | 61     | ug/L | 122 |     | *    |      | 78     | 115  |     |
|               | Benzo(g,h,i)perylene             | 50    | 57.1   | ug/L | 114 |     |      |      | 75     | 118  |     |
|               | 1,2,4,5-Tetrachlorobenzene       | 50    | 49.7   | ug/L | 99  |     |      |      | 72     | 101  |     |
|               | 1,4-Dioxane                      | 50    | 41     | ug/L | 82  |     |      |      | 38     | 125  |     |
|               | 2,3,4,6-Tetrachlorophenol        | 50    | 55.9   | ug/L | 112 |     |      |      | 63     | 116  |     |
|               | 1-Methylnaphthalene              | 50    | 46.9   | ug/L | 94  |     |      |      | 51     | 114  |     |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165790BL

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BF123024

SAS No.: BF123024 SDG NO.: BF123024

Lab File ID: BF141024.D

Lab Sample ID: PB165790BL

Instrument ID: BNA\_F

Date Extracted: 12/20/2024

Matrix: (soil/water) water

Date Analyzed: 12/30/2024

Level: (low/med) LOW

Time Analyzed: 11:36

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 |
|-------------------|------------------|----------------|------------------|
|                   |                  |                |                  |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

AU-06-122024

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BF123024

SAS No.: BF123024 SDG NO.: BF123024

Lab File ID: BF141045.D

Lab Sample ID: P5318-01

Instrument ID: BNA\_F

Date Extracted: 12/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/30/2024

Level: (low/med) LOW

Time Analyzed: 21:37

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 |
|-------------------|------------------|----------------|------------------|
| AU-06-122024      | P5318-01         | BF141045.D     | 12/30/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165872BS

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BF123024

SAS No.: BF123024 SDG NO.: BF123024

Lab File ID: BF141027.D

Lab Sample ID: PB165872BS

Instrument ID: BNA\_F

Date Extracted: 12/27/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/30/2024

Level: (low/med) LOW

Time Analyzed: 12:56

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 |
|-------------------|------------------|----------------|------------------|
| PB165872BS        | PB165872BS       | BF141027.D     | 12/30/2024       |
| MOO-24-00398      | P5386-01         | BF141039.D     | 12/30/2024       |
| MOO-24-00395-96   | P5386-03         | BF141040.D     | 12/30/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165875BL

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BF123024

SAS No.: BF123024 SDG NO.: BF123024

Lab File ID: BF141026.D

Lab Sample ID: PB165875BL

Instrument ID: BNA\_F

Date Extracted: 12/27/2024

Matrix: (soil/water) Water

Date Analyzed: 12/30/2024

Level: (low/med) LOW

Time Analyzed: 12:30

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 |
|-------------------|------------------|----------------|------------------|
| PB165875BS        | PB165875BS       | BF141023.D     | 12/30/2024       |
| PB165875BSD       | PB165875BSD      | BF141025.D     | 12/30/2024       |
| MOO-24-00397      | P5386-05         | BF141038.D     | 12/30/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165894BL

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BF123024

SAS No.: BF123024 SDG NO.: BF123024

Lab File ID: BF141020.D

Lab Sample ID: PB165894BL

Instrument ID: BNA\_F

Date Extracted: 12/27/2024

Matrix: (soil/water) water

Date Analyzed: 12/30/2024

Level: (low/med) LOW

Time Analyzed: 09:50

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 |
|----------------------------|------------------|----------------|------------------|
| PB165894BS                 | PB165894BS       | BF141021.D     | 12/30/2024       |
| PB165858TB                 | PB165858TB       | BF141022.D     | 12/30/2024       |
| TAPIAL3-IDW-SOIL-122024-T1 | P5380-02         | BF141028.D     | 12/30/2024       |
| WC-SOIL-20241219           | P5362-02         | BF141033.D     | 12/30/2024       |
| WC-SOIL-20241219MS         | P5362-02MS       | BF141034.D     | 12/30/2024       |
| WC-SOIL-20241219MSD        | P5362-02MSD      | BF141035.D     | 12/30/2024       |
| MOO-24-00398               | P5386-02         | BF141036.D     | 12/30/2024       |
| MOO-24-00395-96            | P5386-04         | BF141037.D     | 12/30/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165900BL

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BF123024

SAS No.: BF123024 SDG NO.: BF123024

Lab File ID: BF141032.D

Lab Sample ID: PB165900BL

Instrument ID: BNA\_F

Date Extracted: 12/30/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/30/2024

Level: (low/med) LOW

Time Analyzed: 15:47

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 |
|-------------------|------------------|----------------|------------------|
| NB-07-12272024    | P5391-01         | BF141041.D     | 12/30/2024       |
| NB-07-12272024MS  | P5391-01MS       | BF141042.D     | 12/30/2024       |
| NB-07-12272024MSD | P5391-01MSD      | BF141043.D     | 12/30/2024       |
| EO-01-12272024    | P5390-01         | BF141044.D     | 12/30/2024       |

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

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BF123024

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

**Analytical Method:** 8270E

| Parameter                        | Spike | Sample Result                             | Result | Units                       | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|----------------------------------|-------|-------------------------------------------|--------|-----------------------------|-----|----------|-----|----------|-----|-------------|-----|
| <b>Lab Sample ID: P5391-01MS</b> |       | <b>Client Sample ID: NB-07-12272024MS</b> |        | <b>DataFile: BF141042.D</b> |     |          |     |          |     |             |     |
| n-Nitrosodimethylamine           | 1100  |                                           | 1100   | ug/Kg                       | 100 |          |     |          | 66  | 124         |     |
| Pyridine                         | 1100  |                                           | 1100   | ug/Kg                       | 100 |          |     |          | 45  | 119         |     |
| Benzaldehyde                     | 1100  |                                           | 210    | ug/Kg                       | 19  |          |     |          | 10  | 86          |     |
| Aniline                          | 1100  |                                           | 1000   | ug/Kg                       | 91  | *        |     |          | 10  | 88          |     |
| Phenol                           | 1100  |                                           | 1200   | ug/Kg                       | 109 |          |     |          | 67  | 126         |     |
| bis(2-Chloroethyl)ether          | 1100  |                                           | 1100   | ug/Kg                       | 100 |          |     |          | 54  | 125         |     |
| 2-Chlorophenol                   | 1100  |                                           | 1200   | ug/Kg                       | 109 | *        |     |          | 79  | 107         |     |
| 1,2-Dichlorobenzene              | 1100  |                                           | 1200   | ug/Kg                       | 109 | *        |     |          | 61  | 105         |     |
| 1,3-Dichlorobenzene              | 1100  |                                           | 1100   | ug/Kg                       | 100 |          |     |          | 62  | 101         |     |
| 1,4-Dichlorobenzene              | 1100  |                                           | 1100   | ug/Kg                       | 100 |          |     |          | 63  | 104         |     |
| Benzyl Alcohol                   | 1100  |                                           | 1200   | ug/Kg                       | 109 |          |     |          | 47  | 126         |     |
| 2-Methylphenol                   | 1100  |                                           | 1200   | ug/Kg                       | 109 |          |     |          | 66  | 122         |     |
| 2,2-oxybis(1-Chloropropane)      | 1100  |                                           | 1100   | ug/Kg                       | 100 |          |     |          | 65  | 110         |     |
| Acetophenone                     | 1100  |                                           | 1100   | ug/Kg                       | 100 |          |     |          | 75  | 111         |     |
| 3+4-Methylphenols                | 1100  |                                           | 1100   | ug/Kg                       | 100 |          |     |          | 66  | 104         |     |
| N-Nitroso-di-n-propylamine       | 1100  |                                           | 1100   | ug/Kg                       | 100 |          |     |          | 59  | 119         |     |
| Hexachloroethane                 | 1100  |                                           | 1200   | ug/Kg                       | 109 |          |     |          | 65  | 117         |     |
| Nitrobenzene                     | 1100  |                                           | 1300   | ug/Kg                       | 118 |          |     |          | 70  | 119         |     |
| Isophorone                       | 1100  |                                           | 1200   | ug/Kg                       | 109 |          |     |          | 76  | 122         |     |
| 2-Nitrophenol                    | 1100  |                                           | 1400   | ug/Kg                       | 127 |          |     |          | 54  | 145         |     |
| 2,4-Dimethylphenol               | 1100  |                                           | 1400   | ug/Kg                       | 127 |          |     |          | 44  | 135         |     |
| bis(2-Chloroethoxy)methane       | 1100  |                                           | 1100   | ug/Kg                       | 100 |          |     |          | 68  | 112         |     |
| 2,4-Dichlorophenol               | 1100  |                                           | 1200   | ug/Kg                       | 109 |          |     |          | 72  | 118         |     |
| 1,2,4-Trichlorobenzene           | 1100  |                                           | 1100   | ug/Kg                       | 100 |          |     |          | 57  | 103         |     |
| Benzoic acid                     | 1100  |                                           | 1300   | ug/Kg                       | 118 | *        |     |          | 50  | 104         |     |
| Naphthalene                      | 1100  |                                           | 1100   | ug/Kg                       | 100 |          |     |          | 72  | 110         |     |
| 4-Chloroaniline                  | 1100  |                                           | 410    | ug/Kg                       | 37  |          |     |          | 10  | 91          |     |
| Hexachlorobutadiene              | 1100  |                                           | 1200   | ug/Kg                       | 109 |          |     |          | 66  | 114         |     |
| Caprolactam                      | 1100  |                                           | 1200   | ug/Kg                       | 109 |          |     |          | 51  | 134         |     |
| 4-Chloro-3-methylphenol          | 1100  |                                           | 1200   | ug/Kg                       | 109 |          |     |          | 57  | 132         |     |
| 2-Methylnaphthalene              | 1100  |                                           | 1100   | ug/Kg                       | 100 |          |     |          | 59  | 123         |     |
| Hexachlorocyclopentadiene        | 2200  |                                           | 3200   | ug/Kg                       | 145 |          |     |          | 10  | 175         |     |
| 2,4,6-Trichlorophenol            | 1100  |                                           | 1300   | ug/Kg                       | 118 | *        |     |          | 72  | 117         |     |
| 2,4,5-Trichlorophenol            | 1100  |                                           | 1300   | ug/Kg                       | 118 | *        |     |          | 72  | 117         |     |
| 1,1-Biphenyl                     | 1100  |                                           | 1200   | ug/Kg                       | 109 |          |     |          | 75  | 113         |     |
| 2-Chloronaphthalene              | 1100  |                                           | 1200   | ug/Kg                       | 109 |          |     |          | 67  | 118         |     |
| 2-Nitroaniline                   | 1100  |                                           | 1400   | ug/Kg                       | 127 |          |     |          | 69  | 127         |     |
| Dimethylphthalate                | 1100  |                                           | 1200   | ug/Kg                       | 109 |          |     |          | 70  | 113         |     |
| Acenaphthylene                   | 1100  |                                           | 1200   | ug/Kg                       | 109 |          |     |          | 79  | 118         |     |
| 2,6-Dinitrotoluene               | 1100  |                                           | 1300   | ug/Kg                       | 118 |          |     |          | 70  | 125         |     |
| 3-Nitroaniline                   | 1100  |                                           | 970    | ug/Kg                       | 88  |          |     |          | 30  | 99          |     |
| Acenaphthene                     | 1100  |                                           | 1300   | ug/Kg                       | 118 |          |     |          | 70  | 121         |     |
| Total PAH                        | 17600 | 1307.5                                    | 19660  | ug/Kg                       | 112 |          |     |          | 70  | 121         |     |
| 2,4-Dinitrophenol                | 2200  |                                           | 2600   | ug/Kg                       | 118 |          |     |          | 10  | 155         |     |
| 4-Nitrophenol                    | 2200  |                                           | 2400   | ug/Kg                       | 109 |          |     |          | 45  | 133         |     |
| Dibenzofuran                     | 1100  |                                           | 1200   | ug/Kg                       | 109 |          |     |          | 72  | 110         |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BF123024

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

**Analytical Method:** 8270E

| Parameter                         | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|-----------------------------------|-------|---------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| 2,4-Dinitrotoluene/2,6-Dinitrotol | 2200  |               | 2700   | ug/Kg | 123 |          |     |          | 55  | 128         |     |
| 2,4-Dinitrotoluene                | 1100  |               | 1400   | ug/Kg | 127 |          |     |          | 55  | 128         |     |
| Diethylphthalate                  | 1100  |               | 1200   | ug/Kg | 109 |          |     |          | 70  | 112         |     |
| 4-Chlorophenyl-phenylether        | 1100  |               | 1200   | ug/Kg | 109 | *        |     |          | 71  | 108         |     |
| Fluorene                          | 1100  |               | 1100   | ug/Kg | 100 |          |     |          | 68  | 116         |     |
| 4-Nitroaniline                    | 1100  |               | 1100   | ug/Kg | 100 |          |     |          | 55  | 120         |     |
| 4,6-Dinitro-2-methylphenol        | 1100  |               | 1800   | ug/Kg | 164 | *        |     |          | 10  | 160         |     |
| N-Nitrosodiphenylamine            | 1100  |               | 1500   | ug/Kg | 136 | *        |     |          | 73  | 118         |     |
| Azobenzene                        | 1100  |               | 1200   | ug/Kg | 109 |          |     |          | 73  | 110         |     |
| 4-Bromophenyl-phenylether         | 1100  |               | 1400   | ug/Kg | 127 | *        |     |          | 65  | 121         |     |
| Hexachlorobenzene                 | 1100  |               | 1300   | ug/Kg | 118 |          |     |          | 67  | 118         |     |
| Atrazine                          | 1100  |               | 1700   | ug/Kg | 155 | *        |     |          | 79  | 127         |     |
| Pentachlorophenol                 | 2200  |               | 2500   | ug/Kg | 114 |          |     |          | 47  | 128         |     |
| Phenanthrene                      | 1100  | 250           | 1500   | ug/Kg | 114 |          |     |          | 52  | 128         |     |
| Anthracene                        | 1100  | 69.9          | 1400   | ug/Kg | 121 |          |     |          | 62  | 124         |     |
| Carbazole                         | 1100  |               | 1200   | ug/Kg | 109 |          |     |          | 59  | 119         |     |
| Di-n-butylphthalate               | 1100  |               | 1300   | ug/Kg | 118 |          |     |          | 69  | 118         |     |
| Fluoranthene                      | 1100  | 240           | 1200   | ug/Kg | 87  |          |     |          | 44  | 125         |     |
| Benzydine                         | 2200  |               | 1200   | ug/Kg | 55  |          |     |          | 10  | 119         |     |
| Pyrene                            | 1100  | 250           | 1200   | ug/Kg | 86  |          |     |          | 26  | 142         |     |
| Butylbenzylphthalate              | 1100  |               | 1100   | ug/Kg | 100 |          |     |          | 64  | 126         |     |
| 3,3-Dichlorobenzidine             | 1100  |               | 1000   | ug/Kg | 91  |          |     |          | 33  | 116         |     |
| Benzo(a)anthracene                | 1100  | 120           | 1200   | ug/Kg | 98  |          |     |          | 71  | 114         |     |
| Chrysene                          | 1100  | 110           | 1300   | ug/Kg | 108 |          |     |          | 57  | 121         |     |
| bis(2-Ethylhexyl)phthalate        | 1100  | 490           | 1100   | ug/Kg | 55  |          |     |          | 42  | 169         |     |
| Di-n-octyl phthalate              | 1100  |               | 1500   | ug/Kg | 136 |          |     |          | 23  | 175         |     |
| Benzo(b)fluoranthene              | 1100  | 110           | 1300   | ug/Kg | 108 |          |     |          | 67  | 121         |     |
| Benzo(k)fluoranthene              | 1100  | 61            | 1300   | ug/Kg | 113 |          |     |          | 57  | 134         |     |
| Benzo(a)pyrene                    | 1100  | 96.6          | 1400   | ug/Kg | 118 |          |     |          | 70  | 142         |     |
| Indeno(1,2,3-cd)pyrene            | 1100  |               | 1100   | ug/Kg | 100 |          |     |          | 40  | 129         |     |
| Dibenz(a,h)anthracene             | 1100  |               | 1100   | ug/Kg | 100 |          |     |          | 43  | 123         |     |
| Benzo(g,h,i)perylene              | 1100  |               | 960    | ug/Kg | 87  |          |     |          | 24  | 125         |     |
| 1,2,4,5-Tetrachlorobenzene        | 1100  |               | 1200   | ug/Kg | 109 |          |     |          | 69  | 124         |     |
| 1,4-Dioxane                       | 1100  |               | 980    | ug/Kg | 89  |          |     |          | 46  | 112         |     |
| 2,3,4,6-Tetrachlorophenol         | 1100  |               | 1200   | ug/Kg | 109 |          |     |          | 69  | 112         |     |
| 1-Methylnaphthalene               | 1100  |               | 1100   | ug/Kg | 100 |          |     |          | 70  | 130         |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BF123024

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

**Analytical Method:** 8270E

| Parameter                         | Spike | Sample Result                              | Result | Units | Rec | Rec Qual | RPD                         | RPD Qual | Low | Limits High | RPD |
|-----------------------------------|-------|--------------------------------------------|--------|-------|-----|----------|-----------------------------|----------|-----|-------------|-----|
| <b>Lab Sample ID: P5391-01MSD</b> |       | <b>Client Sample ID: NB-07-12272024MSD</b> |        |       |     |          | <b>DataFile: BF141043.D</b> |          |     |             |     |
| n-Nitrosodimethylamine            | 1100  |                                            | 1000   | ug/Kg | 91  |          | 9                           |          | 66  | 124         | 20  |
| Pyridine                          | 1100  |                                            | 990    | ug/Kg | 90  |          | 11                          |          | 45  | 119         | 20  |
| Benzaldehyde                      | 1100  |                                            | 180    | ug/Kg | 16  |          | 17                          |          | 10  | 86          | 20  |
| Aniline                           | 1100  |                                            | 1000   | ug/Kg | 91  | *        | 0                           |          | 10  | 88          | 20  |
| Phenol                            | 1100  |                                            | 1100   | ug/Kg | 100 |          | 9                           |          | 67  | 126         | 20  |
| bis(2-Chloroethyl)ether           | 1100  |                                            | 1000   | ug/Kg | 91  |          | 9                           |          | 54  | 125         | 20  |
| 2-Chlorophenol                    | 1100  |                                            | 1100   | ug/Kg | 100 |          | 9                           |          | 79  | 107         | 20  |
| 1,2-Dichlorobenzene               | 1100  |                                            | 1100   | ug/Kg | 100 |          | 9                           |          | 61  | 105         | 20  |
| 1,3-Dichlorobenzene               | 1100  |                                            | 1000   | ug/Kg | 91  |          | 9                           |          | 62  | 101         | 20  |
| 1,4-Dichlorobenzene               | 1100  |                                            | 1000   | ug/Kg | 91  |          | 9                           |          | 63  | 104         | 20  |
| Benzyl Alcohol                    | 1100  |                                            | 1100   | ug/Kg | 100 |          | 9                           |          | 47  | 126         | 20  |
| 2-Methylphenol                    | 1100  |                                            | 1100   | ug/Kg | 100 |          | 9                           |          | 66  | 122         | 20  |
| 2,2-oxybis(1-Chloropropane)       | 1100  |                                            | 1100   | ug/Kg | 100 |          | 0                           |          | 65  | 110         | 20  |
| Acetophenone                      | 1100  |                                            | 1000   | ug/Kg | 91  |          | 9                           |          | 75  | 111         | 20  |
| 3+4-Methylphenols                 | 1100  |                                            | 1000   | ug/Kg | 91  |          | 9                           |          | 66  | 104         | 20  |
| N-Nitroso-di-n-propylamine        | 1100  |                                            | 1000   | ug/Kg | 91  |          | 9                           |          | 59  | 119         | 20  |
| Hexachloroethane                  | 1100  |                                            | 1100   | ug/Kg | 100 |          | 9                           |          | 65  | 117         | 20  |
| Nitrobenzene                      | 1100  |                                            | 1200   | ug/Kg | 109 |          | 8                           |          | 70  | 119         | 20  |
| Isophorone                        | 1100  |                                            | 1100   | ug/Kg | 100 |          | 9                           |          | 76  | 122         | 20  |
| 2-Nitrophenol                     | 1100  |                                            | 1400   | ug/Kg | 127 |          | 0                           |          | 54  | 145         | 20  |
| 2,4-Dimethylphenol                | 1100  |                                            | 1300   | ug/Kg | 118 |          | 7                           |          | 44  | 135         | 20  |
| bis(2-Chloroethoxy)methane        | 1100  |                                            | 1100   | ug/Kg | 100 |          | 0                           |          | 68  | 112         | 20  |
| 2,4-Dichlorophenol                | 1100  |                                            | 1100   | ug/Kg | 100 |          | 9                           |          | 72  | 118         | 20  |
| 1,2,4-Trichlorobenzene            | 1100  |                                            | 1000   | ug/Kg | 91  |          | 9                           |          | 57  | 103         | 20  |
| Benzoic acid                      | 1100  |                                            | 1200   | ug/Kg | 109 | *        | 8                           |          | 50  | 104         | 20  |
| Naphthalene                       | 1100  |                                            | 1000   | ug/Kg | 91  |          | 9                           |          | 72  | 110         | 20  |
| 4-Chloroaniline                   | 1100  |                                            | 410    | ug/Kg | 37  |          | 0                           |          | 10  | 91          | 20  |
| Hexachlorobutadiene               | 1100  |                                            | 1100   | ug/Kg | 100 |          | 9                           |          | 66  | 114         | 20  |
| Caprolactam                       | 1100  |                                            | 1100   | ug/Kg | 100 |          | 9                           |          | 51  | 134         | 20  |
| 4-Chloro-3-methylphenol           | 1100  |                                            | 1100   | ug/Kg | 100 |          | 9                           |          | 57  | 132         | 20  |
| 2-Methylnaphthalene               | 1100  |                                            | 1000   | ug/Kg | 91  |          | 9                           |          | 59  | 123         | 20  |
| Hexachlorocyclopentadiene         | 2200  |                                            | 2700   | ug/Kg | 123 |          | 16                          |          | 10  | 175         | 20  |
| 2,4,6-Trichlorophenol             | 1100  |                                            | 1200   | ug/Kg | 109 |          | 8                           |          | 72  | 117         | 20  |
| 2,4,5-Trichlorophenol             | 1100  |                                            | 1200   | ug/Kg | 109 |          | 8                           |          | 72  | 117         | 20  |
| 1,1-Biphenyl                      | 1100  |                                            | 1100   | ug/Kg | 100 |          | 9                           |          | 75  | 113         | 20  |
| 2-Chloronaphthalene               | 1100  |                                            | 1100   | ug/Kg | 100 |          | 9                           |          | 67  | 118         | 20  |
| 2-Nitroaniline                    | 1100  |                                            | 1300   | ug/Kg | 118 |          | 7                           |          | 69  | 127         | 20  |
| Dimethylphthalate                 | 1100  |                                            | 1100   | ug/Kg | 100 |          | 9                           |          | 70  | 113         | 20  |
| Acenaphthylene                    | 1100  |                                            | 1100   | ug/Kg | 100 |          | 9                           |          | 79  | 118         | 20  |
| 2,6-Dinitrotoluene                | 1100  |                                            | 1200   | ug/Kg | 109 |          | 8                           |          | 70  | 125         | 20  |
| 3-Nitroaniline                    | 1100  |                                            | 890    | ug/Kg | 81  |          | 8                           |          | 30  | 99          | 20  |
| Acenaphthene                      | 1100  |                                            | 1200   | ug/Kg | 109 |          | 8                           |          | 70  | 121         | 20  |
| Total PAH                         | 17600 | 1307.5                                     | 17770  | ug/Kg | 101 |          | 10                          |          | 70  | 121         | 20  |
| 2,4-Dinitrophenol                 | 2200  |                                            | 2300   | ug/Kg | 105 |          | 12                          |          | 10  | 155         | 20  |
| 4-Nitrophenol                     | 2200  |                                            | 2200   | ug/Kg | 100 |          | 9                           |          | 45  | 133         | 20  |
| Dibenzofuran                      | 1100  |                                            | 1100   | ug/Kg | 100 |          | 9                           |          | 72  | 110         | 20  |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BF123024

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

**Analytical Method:** **8270E**

| Parameter                         | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|-----------------------------------|-------|---------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| 2,4-Dinitrotoluene/2,6-Dinitrotol | 2200  |               | 2500   | ug/Kg | 114 |          | 8   |          | 55  | 128         | 20  |
| 2,4-Dinitrotoluene                | 1100  |               | 1300   | ug/Kg | 118 |          | 7   |          | 55  | 128         | 20  |
| Diethylphthalate                  | 1100  |               | 1100   | ug/Kg | 100 |          | 9   |          | 70  | 112         | 20  |
| 4-Chlorophenyl-phenylether        | 1100  |               | 1000   | ug/Kg | 91  |          | 18  |          | 71  | 108         | 20  |
| Fluorene                          | 1100  |               | 1000   | ug/Kg | 91  |          | 9   |          | 68  | 116         | 20  |
| 4-Nitroaniline                    | 1100  |               | 1000   | ug/Kg | 91  |          | 9   |          | 55  | 120         | 20  |
| 4,6-Dinitro-2-methylphenol        | 1100  |               | 1600   | ug/Kg | 145 |          | 12  |          | 10  | 160         | 20  |
| N-Nitrosodiphenylamine            | 1100  |               | 1300   | ug/Kg | 118 |          | 14  |          | 73  | 118         | 20  |
| Azobenzene                        | 1100  |               | 1100   | ug/Kg | 100 |          | 9   |          | 73  | 110         | 20  |
| 4-Bromophenyl-phenylether         | 1100  |               | 1300   | ug/Kg | 118 |          | 7   |          | 65  | 121         | 20  |
| Hexachlorobenzene                 | 1100  |               | 1200   | ug/Kg | 109 |          | 8   |          | 67  | 118         | 20  |
| Atrazine                          | 1100  |               | 1500   | ug/Kg | 136 | *        | 13  |          | 79  | 127         | 20  |
| Pentachlorophenol                 | 2200  |               | 2400   | ug/Kg | 109 |          | 4   |          | 47  | 128         | 20  |
| Phenanthrene                      | 1100  | 250           | 1300   | ug/Kg | 95  |          | 18  |          | 52  | 128         | 20  |
| Anthracene                        | 1100  | 69.9          | 1300   | ug/Kg | 112 |          | 8   |          | 62  | 124         | 20  |
| Carbazole                         | 1100  |               | 1100   | ug/Kg | 100 |          | 9   |          | 59  | 119         | 20  |
| Di-n-butylphthalate               | 1100  |               | 1200   | ug/Kg | 109 |          | 8   |          | 69  | 118         | 20  |
| Fluoranthene                      | 1100  | 240           | 1200   | ug/Kg | 87  |          | 0   |          | 44  | 125         | 20  |
| Benzidine                         | 2200  |               | 1400   | ug/Kg | 64  |          | 15  |          | 10  | 119         | 20  |
| Pyrene                            | 1100  | 250           | 1000   | ug/Kg | 68  |          | 23  | *        | 26  | 142         | 20  |
| Butylbenzylphthalate              | 1100  |               | 1000   | ug/Kg | 91  |          | 9   |          | 64  | 126         | 20  |
| 3,3-Dichlorobenzidine             | 1100  |               | 1100   | ug/Kg | 100 |          | 9   |          | 33  | 116         | 20  |
| Benzo(a)anthracene                | 1100  | 120           | 1100   | ug/Kg | 89  |          | 10  |          | 71  | 114         | 20  |
| Chrysene                          | 1100  | 110           | 1200   | ug/Kg | 99  |          | 9   |          | 57  | 121         | 20  |
| bis(2-Ethylhexyl)phthalate        | 1100  | 490           | 1000   | ug/Kg | 46  |          | 18  |          | 42  | 169         | 20  |
| Di-n-octyl phthalate              | 1100  |               | 1400   | ug/Kg | 127 |          | 7   |          | 23  | 175         | 20  |
| Benzo(b)fluoranthene              | 1100  | 110           | 1200   | ug/Kg | 99  |          | 9   |          | 67  | 121         | 20  |
| Benzo(k)fluoranthene              | 1100  | 61            | 1100   | ug/Kg | 94  |          | 18  |          | 57  | 134         | 20  |
| Benzo(a)pyrene                    | 1100  | 96.6          | 1200   | ug/Kg | 100 |          | 17  |          | 70  | 142         | 20  |
| Indeno(1,2,3-cd)pyrene            | 1100  |               | 1000   | ug/Kg | 91  |          | 9   |          | 40  | 129         | 20  |
| Dibenz(a,h)anthracene             | 1100  |               | 1000   | ug/Kg | 91  |          | 9   |          | 43  | 123         | 20  |
| Benzo(g,h,i)perylene              | 1100  |               | 870    | ug/Kg | 79  |          | 10  |          | 24  | 125         | 20  |
| 1,2,4,5-Tetrachlorobenzene        | 1100  |               | 1200   | ug/Kg | 109 |          | 0   |          | 69  | 124         | 20  |
| 1,4-Dioxane                       | 1100  |               | 920    | ug/Kg | 84  |          | 6   |          | 46  | 112         | 20  |
| 2,3,4,6-Tetrachlorophenol         | 1100  |               | 1100   | ug/Kg | 100 |          | 9   |          | 69  | 112         | 20  |
| 1-Methylnaphthalene               | 1100  |               | 990    | ug/Kg | 90  |          | 11  |          | 70  | 130         | 20  |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BF123024

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

**Analytical Method:** 8270E

| Parameter                        | Spike | Sample Result                               | Result | Units                       | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|----------------------------------|-------|---------------------------------------------|--------|-----------------------------|-----|----------|-----|----------|-----|-------------|-----|
| <b>Lab Sample ID: P5362-02MS</b> |       | <b>Client Sample ID: WC-SOIL-20241219MS</b> |        | <b>DataFile: BF141034.D</b> |     |          |     |          |     |             |     |
| n-Nitrosodimethylamine           | 500   |                                             | 490    | ug/L                        | 98  |          |     |          | 10  | 130         |     |
| Pyridine                         | 500   |                                             | 310    | ug/L                        | 62  |          |     |          | 10  | 109         |     |
| Benzaldehyde                     | 500   |                                             |        | ug/L                        | 0   | *        |     |          | 10  | 137         |     |
| Aniline                          | 500   |                                             | 200    | ug/L                        | 40  |          |     |          | 10  | 130         |     |
| Phenol                           | 500   |                                             | 510    | ug/L                        | 102 |          |     |          | 10  | 130         |     |
| bis(2-Chloroethyl)ether          | 500   |                                             | 500    | ug/L                        | 100 |          |     |          | 29  | 141         |     |
| 2-Chlorophenol                   | 500   |                                             | 550    | ug/L                        | 110 |          |     |          | 23  | 127         |     |
| 1,2-Dichlorobenzene              | 500   |                                             | 500    | ug/L                        | 100 |          |     |          | 61  | 114         |     |
| 1,3-Dichlorobenzene              | 500   |                                             | 490    | ug/L                        | 98  |          |     |          | 65  | 106         |     |
| 1,4-Dichlorobenzene              | 500   |                                             | 490    | ug/L                        | 98  |          |     |          | 55  | 125         |     |
| Benzyl Alcohol                   | 500   |                                             | 520    | ug/L                        | 104 | *        |     |          | 31  | 94          |     |
| 2-Methylphenol                   | 500   |                                             | 530    | ug/L                        | 106 |          |     |          | 37  | 126         |     |
| 2,2-oxybis(1-Chloropropane)      | 500   |                                             | 510    | ug/L                        | 102 |          |     |          | 36  | 141         |     |
| Acetophenone                     | 500   |                                             | 500    | ug/L                        | 100 |          |     |          | 31  | 164         |     |
| 3+4-Methylphenols                | 500   |                                             | 510    | ug/L                        | 102 |          |     |          | 31  | 127         |     |
| N-Nitroso-di-n-propylamine       | 500   |                                             | 510    | ug/L                        | 102 |          |     |          | 36  | 147         |     |
| Hexachloroethane                 | 500   |                                             | 510    | ug/L                        | 102 |          |     |          | 49  | 110         |     |
| Nitrobenzene                     | 500   |                                             | 560    | ug/L                        | 112 |          |     |          | 62  | 112         |     |
| Isophorone                       | 500   |                                             | 520    | ug/L                        | 104 |          |     |          | 39  | 146         |     |
| 2-Nitrophenol                    | 500   |                                             | 630    | ug/L                        | 126 |          |     |          | 30  | 148         |     |
| 2,4-Dimethylphenol               | 500   |                                             | 620    | ug/L                        | 124 |          |     |          | 17  | 143         |     |
| bis(2-Chloroethoxy)methane       | 500   |                                             | 500    | ug/L                        | 100 |          |     |          | 39  | 143         |     |
| 2,4-Dichlorophenol               | 500   |                                             | 550    | ug/L                        | 110 |          |     |          | 22  | 146         |     |
| 1,2,4-Trichlorobenzene           | 500   |                                             | 490    | ug/L                        | 98  |          |     |          | 66  | 110         |     |
| Benzoic acid                     | 500   |                                             | 560    | ug/L                        | 112 | *        |     |          | 10  | 101         |     |
| Naphthalene                      | 500   |                                             | 490    | ug/L                        | 98  |          |     |          | 17  | 157         |     |
| 4-Chloroaniline                  | 500   |                                             | 49.5   | ug/L                        | 10  |          |     |          | 10  | 95          |     |
| Hexachlorobutadiene              | 500   |                                             | 490    | ug/L                        | 98  |          |     |          | 52  | 125         |     |
| Caprolactam                      | 500   |                                             | 430    | ug/L                        | 86  |          |     |          | 10  | 130         |     |
| 4-Chloro-3-methylphenol          | 500   |                                             | 530    | ug/L                        | 106 |          |     |          | 17  | 148         |     |
| 2-Methylnaphthalene              | 500   |                                             | 510    | ug/L                        | 102 |          |     |          | 38  | 146         |     |
| Hexachlorocyclopentadiene        | 1000  |                                             | 1600   | ug/L                        | 160 | *        |     |          | 20  | 153         |     |
| 2,4,6-Trichlorophenol            | 500   |                                             | 580    | ug/L                        | 116 | *        |     |          | 78  | 112         |     |
| 2,4,5-Trichlorophenol            | 500   |                                             | 550    | ug/L                        | 110 |          |     |          | 71  | 111         |     |
| 1,1-Biphenyl                     | 500   |                                             | 520    | ug/L                        | 104 |          |     |          | 38  | 154         |     |
| 2-Chloronaphthalene              | 500   |                                             | 500    | ug/L                        | 100 |          |     |          | 41  | 145         |     |
| 2-Nitroaniline                   | 500   |                                             | 600    | ug/L                        | 120 |          |     |          | 39  | 151         |     |
| Dimethylphthalate                | 500   |                                             | 540    | ug/L                        | 108 |          |     |          | 42  | 147         |     |
| Acenaphthylene                   | 500   |                                             | 550    | ug/L                        | 110 |          |     |          | 40  | 141         |     |
| 2,6-Dinitrotoluene               | 500   |                                             | 590    | ug/L                        | 118 |          |     |          | 43  | 148         |     |
| 3-Nitroaniline                   | 500   |                                             | 170    | ug/L                        | 34  |          |     |          | 10  | 111         |     |
| Acenaphthene                     | 500   |                                             | 590    | ug/L                        | 118 |          |     |          | 37  | 146         |     |
| Total PAH                        | 8000  |                                             | 8930   | ug/L                        | 112 |          |     |          | 37  | 146         |     |
| 2,4-Dinitrophenol                | 1000  |                                             | 1200   | ug/L                        | 120 |          |     |          | 14  | 167         |     |
| 4-Nitrophenol                    | 1000  |                                             | 1200   | ug/L                        | 120 |          |     |          | 10  | 130         |     |
| Dibenzofuran                     | 500   |                                             | 530    | ug/L                        | 106 |          |     |          | 41  | 145         |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BF123024

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

**Analytical Method:** 8270E

| Parameter                         | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|-----------------------------------|-------|---------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| 2,4-Dinitrotoluene                | 500   |               | 640    | ug/L  | 128 |          |     |          | 50  | 142         |     |
| 2,4-Dinitrotoluene/2,6-Dinitrotol | 1000  |               | 1230   | ug/L  | 123 |          |     |          | 50  | 142         |     |
| Diethylphthalate                  | 500   |               | 530    | ug/L  | 106 |          |     |          | 41  | 148         |     |
| 4-Chlorophenyl-phenylether        | 500   |               | 520    | ug/L  | 104 |          |     |          | 38  | 149         |     |
| Fluorene                          | 500   |               | 510    | ug/L  | 102 |          |     |          | 39  | 144         |     |
| 4-Nitroaniline                    | 500   |               | 490    | ug/L  | 98  |          |     |          | 27  | 138         |     |
| 4,6-Dinitro-2-methylphenol        | 500   |               | 770    | ug/L  | 154 |          |     |          | 32  | 175         |     |
| N-Nitrosodiphenylamine            | 500   |               | 530    | ug/L  | 106 |          |     |          | 40  | 150         |     |
| Azobenzene                        | 500   |               | 510    | ug/L  | 102 |          |     |          | 72  | 112         |     |
| 4-Bromophenyl-phenylether         | 500   |               | 560    | ug/L  | 112 |          |     |          | 42  | 151         |     |
| Hexachlorobenzene                 | 500   |               | 560    | ug/L  | 112 |          |     |          | 72  | 115         |     |
| Atrazine                          | 500   |               | 460    | ug/L  | 92  |          |     |          | 20  | 162         |     |
| Pentachlorophenol                 | 1000  |               | 1200   | ug/L  | 120 |          |     |          | 25  | 139         |     |
| Phenanthrene                      | 500   |               | 550    | ug/L  | 110 |          |     |          | 40  | 147         |     |
| Anthracene                        | 500   |               | 560    | ug/L  | 112 |          |     |          | 41  | 146         |     |
| Carbazole                         | 500   |               | 510    | ug/L  | 102 |          |     |          | 37  | 154         |     |
| Di-n-butylphthalate               | 500   |               | 550    | ug/L  | 110 |          |     |          | 40  | 151         |     |
| Fluoranthene                      | 500   |               | 510    | ug/L  | 102 |          |     |          | 42  | 146         |     |
| Benzidine                         | 1000  | 90.5          | 42.4   | ug/L  | -5  | *        |     |          | 10  | 130         |     |
| Pyrene                            | 500   |               | 580    | ug/L  | 116 |          |     |          | 41  | 149         |     |
| Butylbenzylphthalate              | 500   |               | 640    | ug/L  | 128 |          |     |          | 39  | 155         |     |
| 3,3-Dichlorobenzidine             | 500   |               | 130    | ug/L  | 26  |          |     |          | 10  | 114         |     |
| Benzo(a)anthracene                | 500   |               | 520    | ug/L  | 104 |          |     |          | 41  | 147         |     |
| Chrysene                          | 500   |               | 520    | ug/L  | 104 |          |     |          | 44  | 144         |     |
| bis(2-Ethylhexyl)phthalate        | 500   |               | 560    | ug/L  | 112 |          |     |          | 33  | 160         |     |
| Di-n-octyl phthalate              | 500   |               | 560    | ug/L  | 112 |          |     |          | 36  | 158         |     |
| Benzo(b)fluoranthene              | 500   |               | 470    | ug/L  | 94  |          |     |          | 40  | 150         |     |
| Benzo(k)fluoranthene              | 500   |               | 570    | ug/L  | 114 |          |     |          | 40  | 147         |     |
| Benzo(a)pyrene                    | 500   |               | 570    | ug/L  | 114 |          |     |          | 42  | 147         |     |
| Indeno(1,2,3-cd)pyrene            | 500   |               | 670    | ug/L  | 134 |          |     |          | 30  | 166         |     |
| Dibenz(a,h)anthracene             | 500   |               | 670    | ug/L  | 134 |          |     |          | 23  | 172         |     |
| Benzo(g,h,i)perylene              | 500   |               | 600    | ug/L  | 120 |          |     |          | 27  | 167         |     |
| 1,2,4,5-Tetrachlorobenzene        | 500   |               | 520    | ug/L  | 104 | *        |     |          | 89  | 102         |     |
| 1,4-Dioxane                       | 500   |               | 470    | ug/L  | 94  |          |     |          | 38  | 130         |     |
| 2,3,4,6-Tetrachlorophenol         | 500   |               | 600    | ug/L  | 120 | *        |     |          | 91  | 111         |     |
| 1-Methylnaphthalene               | 500   |               | 490    | ug/L  | 98  |          |     |          | 25  | 151         |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BF123024

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

**Analytical Method:** 8270E

| Parameter                         | Spike | Sample Result                                | Result | Units                       | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|-----------------------------------|-------|----------------------------------------------|--------|-----------------------------|-----|----------|-----|----------|-----|-------------|-----|
| <b>Lab Sample ID: P5362-02MSD</b> |       | <b>Client Sample ID: WC-SOIL-20241219MSD</b> |        | <b>DataFile: BF141035.D</b> |     |          |     |          |     |             |     |
| n-Nitrosodimethylamine            | 500   |                                              | 480    | ug/L                        | 96  |          | 2   |          | 10  | 130         | 20  |
| Pyridine                          | 500   |                                              | 330    | ug/L                        | 66  |          | 6   |          | 10  | 109         | 20  |
| Benzaldehyde                      | 500   |                                              |        | ug/L                        | 0   | *        |     |          | 10  | 137         | 20  |
| Aniline                           | 500   |                                              | 170    | ug/L                        | 34  |          | 16  |          | 10  | 130         | 20  |
| Phenol                            | 500   |                                              | 490    | ug/L                        | 98  |          | 4   |          | 10  | 130         | 20  |
| bis(2-Chloroethyl)ether           | 500   |                                              | 480    | ug/L                        | 96  |          | 4   |          | 29  | 141         | 20  |
| 2-Chlorophenol                    | 500   |                                              | 530    | ug/L                        | 106 |          | 4   |          | 23  | 127         | 20  |
| 1,2-Dichlorobenzene               | 500   |                                              | 490    | ug/L                        | 98  |          | 2   |          | 61  | 114         | 20  |
| 1,3-Dichlorobenzene               | 500   |                                              | 470    | ug/L                        | 94  |          | 4   |          | 65  | 106         | 20  |
| 1,4-Dichlorobenzene               | 500   |                                              | 470    | ug/L                        | 94  |          | 4   |          | 55  | 125         | 20  |
| Benzyl Alcohol                    | 500   |                                              | 500    | ug/L                        | 100 | *        | 4   |          | 31  | 94          | 20  |
| 2-Methylphenol                    | 500   |                                              | 520    | ug/L                        | 104 |          | 2   |          | 37  | 126         | 20  |
| 2,2-oxybis(1-Chloropropane)       | 500   |                                              | 500    | ug/L                        | 100 |          | 2   |          | 36  | 141         | 20  |
| Acetophenone                      | 500   |                                              | 490    | ug/L                        | 98  |          | 2   |          | 31  | 164         | 20  |
| 3+4-Methylphenols                 | 500   |                                              | 500    | ug/L                        | 100 |          | 2   |          | 31  | 127         | 20  |
| N-Nitroso-di-n-propylamine        | 500   |                                              | 500    | ug/L                        | 100 |          | 2   |          | 36  | 147         | 20  |
| Hexachloroethane                  | 500   |                                              | 500    | ug/L                        | 100 |          | 2   |          | 49  | 110         | 20  |
| Nitrobenzene                      | 500   |                                              | 550    | ug/L                        | 110 |          | 2   |          | 62  | 112         | 20  |
| Isophorone                        | 500   |                                              | 520    | ug/L                        | 104 |          | 0   |          | 39  | 146         | 20  |
| 2-Nitrophenol                     | 500   |                                              | 640    | ug/L                        | 128 |          | 2   |          | 30  | 148         | 20  |
| 2,4-Dimethylphenol                | 500   |                                              | 620    | ug/L                        | 124 |          | 0   |          | 17  | 143         | 20  |
| bis(2-Chloroethoxy)methane        | 500   |                                              | 500    | ug/L                        | 100 |          | 0   |          | 39  | 143         | 20  |
| 2,4-Dichlorophenol                | 500   |                                              | 540    | ug/L                        | 108 |          | 2   |          | 22  | 146         | 20  |
| 1,2,4-Trichlorobenzene            | 500   |                                              | 480    | ug/L                        | 96  |          | 2   |          | 66  | 110         | 20  |
| Benzoic acid                      | 500   |                                              | 560    | ug/L                        | 112 | *        | 0   |          | 10  | 101         | 20  |
| Naphthalene                       | 500   |                                              | 480    | ug/L                        | 96  |          | 2   |          | 17  | 157         | 20  |
| 4-Chloroaniline                   | 500   |                                              | 53.2   | ug/L                        | 11  |          | 10  |          | 10  | 95          | 20  |
| Hexachlorobutadiene               | 500   |                                              | 490    | ug/L                        | 98  |          | 0   |          | 52  | 125         | 20  |
| Caprolactam                       | 500   |                                              | 440    | ug/L                        | 88  |          | 2   |          | 10  | 130         | 20  |
| 4-Chloro-3-methylphenol           | 500   |                                              | 530    | ug/L                        | 106 |          | 0   |          | 17  | 148         | 20  |
| 2-Methylnaphthalene               | 500   |                                              | 500    | ug/L                        | 100 |          | 2   |          | 38  | 146         | 20  |
| Hexachlorocyclopentadiene         | 1000  |                                              | 1700   | ug/L                        | 170 | *        | 6   |          | 20  | 153         | 20  |
| 2,4,6-Trichlorophenol             | 500   |                                              | 570    | ug/L                        | 114 | *        | 2   |          | 78  | 112         | 20  |
| 2,4,5-Trichlorophenol             | 500   |                                              | 530    | ug/L                        | 106 |          | 4   |          | 71  | 111         | 20  |
| 1,1-Biphenyl                      | 500   |                                              | 500    | ug/L                        | 100 |          | 4   |          | 38  | 154         | 20  |
| 2-Chloronaphthalene               | 500   |                                              | 490    | ug/L                        | 98  |          | 2   |          | 41  | 145         | 20  |
| 2-Nitroaniline                    | 500   |                                              | 580    | ug/L                        | 116 |          | 3   |          | 39  | 151         | 20  |
| Dimethylphthalate                 | 500   |                                              | 530    | ug/L                        | 106 |          | 2   |          | 42  | 147         | 20  |
| Acenaphthylene                    | 500   |                                              | 520    | ug/L                        | 104 |          | 6   |          | 40  | 141         | 20  |
| 2,6-Dinitrotoluene                | 500   |                                              | 580    | ug/L                        | 116 |          | 2   |          | 43  | 148         | 20  |
| 3-Nitroaniline                    | 500   |                                              | 150    | ug/L                        | 30  |          | 13  |          | 10  | 111         | 20  |
| Acenaphthene                      | 500   |                                              | 580    | ug/L                        | 116 |          | 2   |          | 37  | 146         | 20  |
| Total PAH                         | 8000  |                                              | 8560   | ug/L                        | 107 |          | 5   |          | 37  | 146         | 20  |
| 2,4-Dinitrophenol                 | 1000  |                                              | 1300   | ug/L                        | 130 |          | 8   |          | 14  | 167         | 20  |
| 4-Nitrophenol                     | 1000  |                                              | 1200   | ug/L                        | 120 |          | 0   |          | 10  | 130         | 20  |
| Dibenzofuran                      | 500   |                                              | 510    | ug/L                        | 102 |          | 4   |          | 41  | 145         | 20  |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BF123024

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

**Analytical Method:** 8270E

| Parameter                         | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|-----------------------------------|-------|---------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| 2,4-Dinitrotoluene                | 500   |               | 630    | ug/L  | 126 |          | 2   |          | 50  | 142         | 20  |
| 2,4-Dinitrotoluene/2,6-Dinitrotol | 1000  |               | 1210   | ug/L  | 121 |          | 2   |          | 50  | 142         | 20  |
| Diethylphthalate                  | 500   |               | 520    | ug/L  | 104 |          | 2   |          | 41  | 148         | 20  |
| 4-Chlorophenyl-phenylether        | 500   |               | 500    | ug/L  | 100 |          | 4   |          | 38  | 149         | 20  |
| Fluorene                          | 500   |               | 500    | ug/L  | 100 |          | 2   |          | 39  | 144         | 20  |
| 4-Nitroaniline                    | 500   |               | 460    | ug/L  | 92  |          | 6   |          | 27  | 138         | 20  |
| 4,6-Dinitro-2-methylphenol        | 500   |               | 760    | ug/L  | 152 |          | 1   |          | 32  | 175         | 20  |
| N-Nitrosodiphenylamine            | 500   |               | 480    | ug/L  | 96  |          | 10  |          | 40  | 150         | 20  |
| Azobenzene                        | 500   |               | 500    | ug/L  | 100 |          | 2   |          | 72  | 112         | 20  |
| 4-Bromophenyl-phenylether         | 500   |               | 550    | ug/L  | 110 |          | 2   |          | 42  | 151         | 20  |
| Hexachlorobenzene                 | 500   |               | 540    | ug/L  | 108 |          | 4   |          | 72  | 115         | 20  |
| Atrazine                          | 500   |               | 390    | ug/L  | 78  |          | 16  |          | 20  | 162         | 20  |
| Pentachlorophenol                 | 1000  |               | 1100   | ug/L  | 110 |          | 9   |          | 25  | 139         | 20  |
| Phenanthrene                      | 500   |               | 530    | ug/L  | 106 |          | 4   |          | 40  | 147         | 20  |
| Anthracene                        | 500   |               | 540    | ug/L  | 108 |          | 4   |          | 41  | 146         | 20  |
| Carbazole                         | 500   |               | 480    | ug/L  | 96  |          | 6   |          | 37  | 154         | 20  |
| Di-n-butylphthalate               | 500   |               | 530    | ug/L  | 106 |          | 4   |          | 40  | 151         | 20  |
| Fluoranthene                      | 500   |               | 500    | ug/L  | 100 |          | 2   |          | 42  | 146         | 20  |
| Benzidine                         | 1000  | 90.5          | 0      | ug/L  | -9  | *        | 57  | *        | 10  | 130         | 20  |
| Pyrene                            | 500   |               | 530    | ug/L  | 106 |          | 9   |          | 41  | 149         | 20  |
| Butylbenzylphthalate              | 500   |               | 590    | ug/L  | 118 |          | 8   |          | 39  | 155         | 20  |
| 3,3-Dichlorobenzidine             | 500   |               | 77.4   | ug/L  | 15  |          | 54  | *        | 10  | 114         | 20  |
| Benzo(a)anthracene                | 500   |               | 480    | ug/L  | 96  |          | 8   |          | 41  | 147         | 20  |
| Chrysene                          | 500   |               | 510    | ug/L  | 102 |          | 2   |          | 44  | 144         | 20  |
| bis(2-Ethylhexyl)phthalate        | 500   |               | 540    | ug/L  | 108 |          | 4   |          | 33  | 160         | 20  |
| Di-n-octyl phthalate              | 500   |               | 550    | ug/L  | 110 |          | 2   |          | 36  | 158         | 20  |
| Benzo(b)fluoranthene              | 500   |               | 520    | ug/L  | 104 |          | 10  |          | 40  | 150         | 20  |
| Benzo(k)fluoranthene              | 500   |               | 530    | ug/L  | 106 |          | 7   |          | 40  | 147         | 20  |
| Benzo(a)pyrene                    | 500   |               | 560    | ug/L  | 112 |          | 2   |          | 42  | 147         | 20  |
| Indeno(1,2,3-cd)pyrene            | 500   |               | 610    | ug/L  | 122 |          | 9   |          | 30  | 166         | 20  |
| Dibenz(a,h)anthracene             | 500   |               | 620    | ug/L  | 124 |          | 8   |          | 23  | 172         | 20  |
| Benzo(g,h,i)perylene              | 500   |               | 550    | ug/L  | 110 |          | 9   |          | 27  | 167         | 20  |
| 1,2,4,5-Tetrachlorobenzene        | 500   |               | 500    | ug/L  | 100 |          | 4   |          | 89  | 102         | 20  |
| 1,4-Dioxane                       | 500   |               | 450    | ug/L  | 90  |          | 4   |          | 38  | 130         | 20  |
| 2,3,4,6-Tetrachlorophenol         | 500   |               | 580    | ug/L  | 116 | *        | 3   |          | 91  | 111         | 20  |
| 1-Methylnaphthalene               | 500   |               | 480    | ug/L  | 96  |          | 2   |          | 25  | 151         | 20  |

## Surrogate Summary

SW-846

SDG No.: BF123024

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

Analytical Method: 8270E

| Lab Sample ID | Client ID  | Datafile   | Parameter            | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|----------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                      |                |                 |              |      | Low        | High |
| PB165790BL    | PB165790BL | BF141024.D | 2-Fluorophenol       | 150            | 149.81          | 100          |      | 10         | 139  |
|               |            |            | Phenol-d6            | 150            | 147.81          | 99           |      | 10         | 134  |
|               |            |            | Nitrobenzene-d5      | 100            | 124.58          | 125          |      | 49         | 133  |
|               |            |            | 2-Fluorobiphenyl     | 100            | 101.29          | 101          |      | 52         | 132  |
|               |            |            | 2,4,6-Tribromophenol | 150            | 172.70          | 115          |      | 44         | 137  |
|               |            |            | Terphenyl-d14        | 100            | 100.46          | 100          |      | 48         | 125  |

## Surrogate Summary

SW-846

SDG No.: BF123024

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

Analytical Method: 8270E

| Lab Sample ID | Client ID    | Datafile   | Parameter            | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|--------------|------------|----------------------|----------------|-----------------|--------------|------|------------|------|
|               |              |            |                      |                |                 |              |      | Low        | High |
| P5318-01      | AU-06-122024 | BF141045.D | 2-Fluorophenol       | 150            | 65.28           | 44           |      | 18         | 112  |
|               |              |            | Phenol-d6            | 150            | 59.59           | 40           |      | 15         | 107  |
|               |              |            | Nitrobenzene-d5      | 100            | 54.84           | 55           |      | 18         | 107  |
|               |              |            | 2-Fluorobiphenyl     | 100            | 55.66           | 56           |      | 20         | 109  |
|               |              |            | 2,4,6-Tribromophenol | 150            | 60.48           | 40           |      | 10         | 116  |
|               |              |            | Terphenyl-d14        | 100            | 40.40           | 40           |      | 10         | 105  |

## Surrogate Summary

SW-846

SDG No.: **BF123024**

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

Analytical Method: **8270E**

| Lab Sample ID | Client ID       | Datafile   | Parameter            | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------------|------------|----------------------|----------------|-----------------|--------------|------|------------|------|
|               |                 |            |                      |                |                 |              |      | Low        | High |
| P5386-01      | MOO-24-00398    | BF141039.D | 2-Fluorophenol       | 150            | 112.31          | 75           |      | 18         | 112  |
|               |                 |            | Phenol-d6            | 150            | 107.17          | 71           |      | 15         | 107  |
|               |                 |            | Nitrobenzene-d5      | 100            | 145.69          | 146          | *    | 18         | 107  |
|               |                 |            | 2-Fluorobiphenyl     | 100            | 72.91           | 73           |      | 20         | 109  |
|               |                 |            | 2,4,6-Tribromophenol | 150            | 97.13           | 65           |      | 10         | 116  |
|               |                 |            | Terphenyl-d14        | 100            | 41.92           | 42           |      | 10         | 105  |
| P5386-03      | MOO-24-00395-96 | BF141040.D | 2-Fluorophenol       | 150            | 88.08           | 59           |      | 18         | 112  |
|               |                 |            | Phenol-d6            | 150            | 86.99           | 58           |      | 15         | 107  |
|               |                 |            | Nitrobenzene-d5      | 100            | 74.87           | 75           |      | 18         | 107  |
|               |                 |            | 2-Fluorobiphenyl     | 100            | 75.03           | 75           |      | 20         | 109  |
|               |                 |            | 2,4,6-Tribromophenol | 150            | 86.94           | 58           |      | 10         | 116  |
|               |                 |            | Terphenyl-d14        | 100            | 44.60           | 45           |      | 10         | 105  |
| PB165872BS    | PB165872BS      | BF141027.D | 2-Fluorophenol       | 150            | 149.12          | 99           |      | 18         | 112  |
|               |                 |            | Phenol-d6            | 150            | 147.42          | 98           |      | 15         | 107  |
|               |                 |            | Nitrobenzene-d5      | 100            | 125.60          | 126          | *    | 18         | 107  |
|               |                 |            | 2-Fluorobiphenyl     | 100            | 100.51          | 101          |      | 20         | 109  |
|               |                 |            | 2,4,6-Tribromophenol | 150            | 182.86          | 122          | *    | 10         | 116  |
|               |                 |            | Terphenyl-d14        | 100            | 105.47          | 105          |      | 10         | 105  |

## Surrogate Summary

SW-846

SDG No.: **BF123024**

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

Analytical Method: **8270E**

| Lab Sample ID | Client ID    | Datafile   | Parameter            | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|--------------|------------|----------------------|----------------|-----------------|--------------|------|------------|------|
|               |              |            |                      |                |                 |              |      | Low        | High |
| P5386-05      | MOO-24-00397 | BF141038.D | 2-Fluorophenol       | 150            | 68.12           | 45           |      | 10         | 139  |
|               |              |            | Phenol-d6            | 150            | 44.70           | 30           |      | 10         | 134  |
|               |              |            | Nitrobenzene-d5      | 100            | 100.76          | 101          |      | 49         | 133  |
|               |              |            | 2-Fluorobiphenyl     | 100            | 84.41           | 84           |      | 52         | 132  |
|               |              |            | 2,4,6-Tribromophenol | 150            | 128.15          | 85           |      | 44         | 137  |
|               |              |            | Terphenyl-d14        | 100            | 76.86           | 77           |      | 48         | 125  |
| PB165875BL    | PB165875BL   | BF141026.D | 2-Fluorophenol       | 150            | 147.67          | 98           |      | 10         | 139  |
|               |              |            | Phenol-d6            | 150            | 145.48          | 97           |      | 10         | 134  |
|               |              |            | Nitrobenzene-d5      | 100            | 123.05          | 123          |      | 49         | 133  |
|               |              |            | 2-Fluorobiphenyl     | 100            | 100.65          | 101          |      | 52         | 132  |
|               |              |            | 2,4,6-Tribromophenol | 150            | 170.08          | 113          |      | 44         | 137  |
|               |              |            | Terphenyl-d14        | 100            | 99.41           | 99           |      | 48         | 125  |
| PB165875BS    | PB165875BS   | BF141023.D | 2-Fluorophenol       | 150            | 141.40          | 94           |      | 10         | 139  |
|               |              |            | Phenol-d6            | 150            | 139.09          | 93           |      | 10         | 134  |
|               |              |            | Nitrobenzene-d5      | 100            | 117.02          | 117          |      | 49         | 133  |
|               |              |            | 2-Fluorobiphenyl     | 100            | 98.35           | 98           |      | 52         | 132  |
|               |              |            | 2,4,6-Tribromophenol | 150            | 171.16          | 114          |      | 44         | 137  |
|               |              |            | Terphenyl-d14        | 100            | 109.28          | 109          |      | 48         | 125  |
| PB165875BSD   | PB165875BSD  | BF141025.D | 2-Fluorophenol       | 150            | 139.79          | 93           |      | 10         | 139  |
|               |              |            | Phenol-d6            | 150            | 137.68          | 92           |      | 10         | 134  |
|               |              |            | Nitrobenzene-d5      | 100            | 117.03          | 117          |      | 49         | 133  |
|               |              |            | 2-Fluorobiphenyl     | 100            | 98.34           | 98           |      | 52         | 132  |
|               |              |            | 2,4,6-Tribromophenol | 150            | 165.21          | 110          |      | 44         | 137  |
|               |              |            | Terphenyl-d14        | 100            | 108.84          | 109          |      | 48         | 125  |

## Surrogate Summary

SW-846

SDG No.: **BF123024**

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

Analytical Method: **8270E**

| Lab Sample ID | Client ID                  | Datafile   | Parameter            | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|----------------------------|------------|----------------------|----------------|-----------------|--------------|------|------------|------|
|               |                            |            |                      |                |                 |              |      | Low        | High |
| P5362-02      | WC-SOIL-2024121 BF141033.D |            | 2-Fluorophenol       | 150            | 150.85          | 101          |      | 10         | 139  |
|               |                            |            | Phenol-d6            | 150            | 142.25          | 95           |      | 10         | 134  |
|               |                            |            | Nitrobenzene-d5      | 100            | 130.57          | 131          |      | 49         | 133  |
|               |                            |            | 2-Fluorobiphenyl     | 100            | 103.26          | 103          |      | 52         | 132  |
|               |                            |            | 2,4,6-Tribromophenol | 150            | 190.06          | 127          |      | 44         | 137  |
|               |                            |            | Terphenyl-d14        | 100            | 105.26          | 105          |      | 48         | 125  |
| P5362-02MS    | WC-SOIL-2024121 BF141034.D |            | 2-Fluorophenol       | 150            | 149.56          | 100          |      | 10         | 139  |
|               |                            |            | Phenol-d6            | 150            | 146.58          | 98           |      | 10         | 134  |
|               |                            |            | Nitrobenzene-d5      | 100            | 128.88          | 129          |      | 49         | 133  |
|               |                            |            | 2-Fluorobiphenyl     | 100            | 102.25          | 102          |      | 52         | 132  |
|               |                            |            | 2,4,6-Tribromophenol | 150            | 187.97          | 125          |      | 44         | 137  |
|               |                            |            | Terphenyl-d14        | 100            | 112.72          | 113          |      | 48         | 125  |
| P5362-02MSD   | WC-SOIL-2024121 BF141035.D |            | 2-Fluorophenol       | 150            | 144.44          | 96           |      | 10         | 139  |
|               |                            |            | Phenol-d6            | 150            | 141.55          | 94           |      | 10         | 134  |
|               |                            |            | Nitrobenzene-d5      | 100            | 127.56          | 128          |      | 49         | 133  |
|               |                            |            | 2-Fluorobiphenyl     | 100            | 99.82           | 100          |      | 52         | 132  |
|               |                            |            | 2,4,6-Tribromophenol | 150            | 183.99          | 123          |      | 44         | 137  |
|               |                            |            | Terphenyl-d14        | 100            | 101.45          | 101          |      | 48         | 125  |
| P5380-02      | TAPIAL3-IDW-SO BF141028.D  |            | 2-Fluorophenol       | 150            | 122.29          | 82           |      | 10         | 139  |
|               |                            |            | Phenol-d6            | 150            | 110.19          | 73           |      | 10         | 134  |
|               |                            |            | Nitrobenzene-d5      | 100            | 115.16          | 115          |      | 49         | 133  |
|               |                            |            | 2-Fluorobiphenyl     | 100            | 92.68           | 93           |      | 52         | 132  |
|               |                            |            | 2,4,6-Tribromophenol | 150            | 165.92          | 111          |      | 44         | 137  |
|               |                            |            | Terphenyl-d14        | 100            | 90.67           | 91           |      | 48         | 125  |
| P5386-02      | MOO-24-00398 BF141036.D    |            | 2-Fluorophenol       | 150            | 124.53          | 83           |      | 10         | 139  |
|               |                            |            | Phenol-d6            | 150            | 113.90          | 76           |      | 10         | 134  |
|               |                            |            | Nitrobenzene-d5      | 100            | 94.95           | 95           |      | 49         | 133  |
|               |                            |            | 2-Fluorobiphenyl     | 100            | 89.86           | 90           |      | 52         | 132  |
|               |                            |            | 2,4,6-Tribromophenol | 150            | 160.13          | 107          |      | 44         | 137  |
|               |                            |            | Terphenyl-d14        | 100            | 96.02           | 96           |      | 48         | 125  |
| P5386-04      | MOO-24-00395-96 BF141037.D |            | 2-Fluorophenol       | 150            | 125.06          | 83           |      | 10         | 139  |
|               |                            |            | Phenol-d6            | 150            | 113.74          | 76           |      | 10         | 134  |
|               |                            |            | Nitrobenzene-d5      | 100            | 113.42          | 113          |      | 49         | 133  |
|               |                            |            | 2-Fluorobiphenyl     | 100            | 93.59           | 94           |      | 52         | 132  |
|               |                            |            | 2,4,6-Tribromophenol | 150            | 165.19          | 110          |      | 44         | 137  |
|               |                            |            | Terphenyl-d14        | 100            | 99.92           | 100          |      | 48         | 125  |
| PB165858TB    | PB165858TB BF141022.D      |            | 2-Fluorophenol       | 150            | 142.46          | 95           |      | 10         | 139  |
|               |                            |            | Phenol-d6            | 150            | 138.13          | 92           |      | 10         | 134  |
|               |                            |            | Nitrobenzene-d5      | 100            | 118.16          | 118          |      | 49         | 133  |
|               |                            |            | 2-Fluorobiphenyl     | 100            | 99.39           | 99           |      | 52         | 132  |
|               |                            |            | 2,4,6-Tribromophenol | 150            | 168.99          | 113          |      | 44         | 137  |
|               |                            |            | Terphenyl-d14        | 100            | 94.11           | 94           |      | 48         | 125  |
| PB165894BL    | PB165894BL BF141020.D      |            | 2-Fluorophenol       | 150            | 127.34          | 85           |      | 10         | 139  |
|               |                            |            | Phenol-d6            | 150            | 123.74          | 82           |      | 10         | 134  |
|               |                            |            | Nitrobenzene-d5      | 100            | 102.40          | 102          |      | 49         | 133  |
|               |                            |            | 2-Fluorobiphenyl     | 100            | 88.74           | 89           |      | 52         | 132  |
|               |                            |            | 2,4,6-Tribromophenol | 150            | 144.86          | 97           |      | 44         | 137  |
|               |                            |            | Terphenyl-d14        | 100            | 85.66           | 86           |      | 48         | 125  |
| PB165894BS    | PB165894BS                 | BF141021.D | 2-Fluorophenol       | 150            | 133.73          | 89           |      | 10         | 139  |

## Surrogate Summary

SW-846

SDG No.: **BF123024**

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

Analytical Method: **8270E**

| Lab Sample ID | Client ID  | Datafile   | Parameter            | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|----------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                      |                |                 |              |      | Low        | High |
| PB165894BS    | PB165894BS | BF141021.D | Phenol-d6            | 150            | 132.70          | 88           |      | 10         | 134  |
|               |            |            | Nitrobenzene-d5      | 100            | 108.78          | 109          |      | 49         | 133  |
|               |            |            | 2-Fluorobiphenyl     | 100            | 94.81           | 95           |      | 52         | 132  |
|               |            |            | 2,4,6-Tribromophenol | 150            | 157.62          | 105          |      | 44         | 137  |
|               |            |            | Terphenyl-d14        | 100            | 106.19          | 106          |      | 48         | 125  |

## Surrogate Summary

SW-846

SDG No.: **BF123024**

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

Analytical Method: **8270E**

| Lab Sample ID | Client ID       | Datafile   | Parameter            | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------------|------------|----------------------|----------------|-----------------|--------------|------|------------|------|
|               |                 |            |                      |                |                 |              |      | Low        | High |
| P5390-01      | EO-01-12272024  | BF141044.D | 2-Fluorophenol       | 150            | 77.42           | 52           |      | 18         | 112  |
|               |                 |            | Phenol-d6            | 150            | 73.18           | 49           |      | 15         | 107  |
|               |                 |            | Nitrobenzene-d5      | 100            | 64.69           | 65           |      | 18         | 107  |
|               |                 |            | 2-Fluorobiphenyl     | 100            | 65.80           | 66           |      | 20         | 109  |
|               |                 |            | 2,4,6-Tribromophenol | 150            | 74.89           | 50           |      | 10         | 116  |
|               |                 |            | Terphenyl-d14        | 100            | 50.40           | 50           |      | 10         | 105  |
| P5391-01      | NB-07-12272024  | BF141041.D | 2-Fluorophenol       | 150            | 106.14          | 71           |      | 18         | 112  |
|               |                 |            | Phenol-d6            | 150            | 104.12          | 69           |      | 15         | 107  |
|               |                 |            | Nitrobenzene-d5      | 100            | 93.21           | 93           |      | 18         | 107  |
|               |                 |            | 2-Fluorobiphenyl     | 100            | 76.42           | 76           |      | 20         | 109  |
|               |                 |            | 2,4,6-Tribromophenol | 150            | 119.35          | 80           |      | 10         | 116  |
|               |                 |            | Terphenyl-d14        | 100            | 81.46           | 81           |      | 10         | 105  |
| P5391-01MS    | NB-07-12272024M | BF141042.D | 2-Fluorophenol       | 150            | 109.87          | 73           |      | 18         | 112  |
|               |                 |            | Phenol-d6            | 150            | 108.25          | 72           |      | 15         | 107  |
|               |                 |            | Nitrobenzene-d5      | 100            | 93.29           | 93           |      | 18         | 107  |
|               |                 |            | 2-Fluorobiphenyl     | 100            | 79.81           | 80           |      | 20         | 109  |
|               |                 |            | 2,4,6-Tribromophenol | 150            | 121.40          | 81           |      | 10         | 116  |
|               |                 |            | Terphenyl-d14        | 100            | 66.79           | 67           |      | 10         | 105  |
| P5391-01MSD   | NB-07-12272024M | BF141043.D | 2-Fluorophenol       | 150            | 102.33          | 68           |      | 18         | 112  |
|               |                 |            | Phenol-d6            | 150            | 100.60          | 67           |      | 15         | 107  |
|               |                 |            | Nitrobenzene-d5      | 100            | 87.79           | 88           |      | 18         | 107  |
|               |                 |            | 2-Fluorobiphenyl     | 100            | 75.05           | 75           |      | 20         | 109  |
|               |                 |            | 2,4,6-Tribromophenol | 150            | 108.50          | 72           |      | 10         | 116  |
|               |                 |            | Terphenyl-d14        | 100            | 60.14           | 60           |      | 10         | 105  |
| PB165900BL    | PB165900BL      | BF141032.D | 2-Fluorophenol       | 150            | 131.47          | 88           |      | 18         | 112  |
|               |                 |            | Phenol-d6            | 150            | 126.47          | 84           |      | 15         | 107  |
|               |                 |            | Nitrobenzene-d5      | 100            | 111.27          | 111          | *    | 18         | 107  |
|               |                 |            | 2-Fluorobiphenyl     | 100            | 90.35           | 90           |      | 20         | 109  |
|               |                 |            | 2,4,6-Tribromophenol | 150            | 158.89          | 106          |      | 10         | 116  |
|               |                 |            | Terphenyl-d14        | 100            | 85.44           | 85           |      | 10         | 105  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF123024

Lab Code: CHEM

SAS No.: BF123024 SDG NO.: BF123024

Lab File ID: BF141018.D

DFTPP Injection Date: 12/30/2024

Instrument ID: BNA\_F

DFTPP Injection Time: 08:58

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 38.4                 |
| 68  | Less than 2.0% of mass 69          | 0.6 ( 1.7 ) 1        |
| 69  | Mass 69 relative abundance         | 36.4                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.6 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 47.7                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.9                  |
| 275 | 10.0 - 60.0% of mass 198           | 28.2                 |
| 365 | Greater than 1% of mass 198        | 3.6                  |
| 441 | Present, but less than mass 443    | 14.9                 |
| 442 | Greater than 50% of mass 198       | 94.1                 |
| 443 | 15.0 - 24.0% of mass 442           | 18.4 ( 19.6 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO.          | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|----------------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040                 | SSTDCCC040       | BF141019.D     | 12/30/2024       | 09:24            |
| PB165894BL                 | PB165894BL       | BF141020.D     | 12/30/2024       | 09:50            |
| PB165894BS                 | PB165894BS       | BF141021.D     | 12/30/2024       | 10:17            |
| PB165858TB                 | PB165858TB       | BF141022.D     | 12/30/2024       | 10:43            |
| PB165875BS                 | PB165875BS       | BF141023.D     | 12/30/2024       | 11:10            |
| PB165790BL                 | PB165790BL       | BF141024.D     | 12/30/2024       | 11:36            |
| PB165875BSD                | PB165875BSD      | BF141025.D     | 12/30/2024       | 12:03            |
| PB165875BL                 | PB165875BL       | BF141026.D     | 12/30/2024       | 12:30            |
| PB165872BS                 | PB165872BS       | BF141027.D     | 12/30/2024       | 12:56            |
| TAPIAL3-IDW-SOIL-122024-T1 | P5380-02         | BF141028.D     | 12/30/2024       | 13:29            |
| SSTDCCC040EC               | SSTDCCC040       | BF141029.D     | 12/30/2024       | 14:01            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF123024

Lab Code: CHEM

SAS No.: BF123024 SDG NO.: BF123024

Lab File ID: BF141030.D

DFTPP Injection Date: 12/30/2024

Instrument ID: BNA\_F

DFTPP Injection Time: 14:54

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 39                   |
| 68  | Less than 2.0% of mass 69          | 0.7 ( 1.9 ) 1        |
| 69  | Mass 69 relative abundance         | 36.4                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.6 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 47.5                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.8                  |
| 275 | 10.0 - 60.0% of mass 198           | 27.8                 |
| 365 | Greater than 1% of mass 198        | 3.5                  |
| 441 | Present, but less than mass 443    | 13.9                 |
| 442 | Greater than 50% of mass 198       | 90.5                 |
| 443 | 15.0 - 24.0% of mass 442           | 17.1 ( 18.9 ) 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 |
|---------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040          | SSTDCCC040       | BF141031.D     | 12/30/2024       | 15:20            |
| PB165900BL          | PB165900BL       | BF141032.D     | 12/30/2024       | 15:47            |
| WC-SOIL-20241219    | P5362-02         | BF141033.D     | 12/30/2024       | 16:20            |
| WC-SOIL-20241219MS  | P5362-02MS       | BF141034.D     | 12/30/2024       | 16:47            |
| WC-SOIL-20241219MSD | P5362-02MSD      | BF141035.D     | 12/30/2024       | 17:13            |
| MOO-24-00398        | P5386-02         | BF141036.D     | 12/30/2024       | 17:39            |
| MOO-24-00395-96     | P5386-04         | BF141037.D     | 12/30/2024       | 18:06            |
| MOO-24-00397        | P5386-05         | BF141038.D     | 12/30/2024       | 18:32            |
| MOO-24-00398        | P5386-01         | BF141039.D     | 12/30/2024       | 18:58            |
| MOO-24-00395-96     | P5386-03         | BF141040.D     | 12/30/2024       | 19:25            |
| NB-07-12272024      | P5391-01         | BF141041.D     | 12/30/2024       | 19:51            |
| NB-07-12272024MS    | P5391-01MS       | BF141042.D     | 12/30/2024       | 20:18            |
| NB-07-12272024MSD   | P5391-01MSD      | BF141043.D     | 12/30/2024       | 20:44            |
| EO-01-12272024      | P5390-01         | BF141044.D     | 12/30/2024       | 21:11            |
| AU-06-122024        | P5318-01         | BF141045.D     | 12/30/2024       | 21:37            |