

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG031524 SAS No.: BG031524 SDG No.: BG031524

Instrument ID: BNA\_G Calibration Date/Time: 3/15/2024 1:11:44

Lab File ID: BG060660.D Init. Calib. Date(s): \_\_\_\_\_

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

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

| COMPOUND                    | RRF   | RRF040 | MIN RRF | %D     | MAX%D |
|-----------------------------|-------|--------|---------|--------|-------|
| n-Nitrosodimethylamine      | 0.772 | 0.777  |         | 0.648  |       |
| Pyridine                    | 1.574 | 1.563  |         | -0.699 |       |
| 2-Fluorophenol              | 1.272 | 1.277  |         | 0.393  |       |
| Benzaldehyde                | 1.033 | 0.978  |         | -5.324 |       |
| Aniline                     | 2.255 | 2.216  |         | -1.729 |       |
| Phenol-d6                   | 1.846 | 1.854  |         | 0.433  |       |
| Phenol                      | 1.852 | 1.838  |         | -0.756 | 20.0  |
| bis(2-Chloroethyl)ether     | 1.476 | 1.451  |         | -1.694 |       |
| 2-Chlorophenol              | 1.391 | 1.402  |         | 0.791  |       |
| 1,2-Dichlorobenzene         | 1.510 | 1.426  |         | -5.563 |       |
| 1,3-Dichlorobenzene         | 1.500 | 1.436  |         | -4.267 |       |
| 1,4-Dichlorobenzene         | 1.520 | 1.458  |         | -4.079 | 20.0  |
| Benzyl Alcohol              | 1.459 | 1.428  |         | -2.125 |       |
| 2-Methylphenol              | 1.422 | 1.404  |         | -1.266 |       |
| 2,2-oxybis(1-Chloropropane) | 2.866 | 2.717  |         | -5.199 |       |
| Acetophenone                | 0.536 | 0.500  |         | -6.716 |       |
| 3+4-Methylphenols           | 1.918 | 1.910  |         | -0.417 |       |
| n-Nitroso-di-n-propylamine  | 1.279 | 1.245  | 0.050   | -2.658 |       |
| Nitrobenzene-d5             | 0.384 | 0.377  |         | -1.823 |       |
| Hexachloroethane            | 0.519 | 0.512  |         | -1.349 |       |
| Nitrobenzene                | 0.384 | 0.373  |         | -2.865 |       |
| Isophorone                  | 0.769 | 0.721  |         | -6.242 |       |
| 2-Nitrophenol               | 0.142 | 0.156  |         | 9.859  | 20.0  |
| 2,4-Dimethylphenol          | 0.340 | 0.319  |         | -6.176 |       |
| bis(2-Chloroethoxy)methane  | 0.461 | 0.444  |         | -3.688 |       |
| 2,4-Dichlorophenol          | 0.306 | 0.301  |         | -1.634 | 20.0  |
| 1,2,4-Trichlorobenzene      | 0.324 | 0.306  |         | -5.556 |       |
| Benzoic acid                | 0.199 | 0.215  |         | 8.04   |       |
| Naphthalene                 | 1.117 | 1.045  |         | -6.446 |       |
| 4-Chloroaniline             | 0.471 | 0.448  |         | -4.883 |       |
| Hexachlorobutadiene         | 0.221 | 0.207  |         | -6.335 | 20.0  |
| Caprolactam                 | 0.103 | 0.093  |         | -9.709 |       |
| 4-Chloro-3-methylphenol     | 0.374 | 0.354  |         | -5.348 | 20.0  |
| 2-Methylnaphthalene         | 0.772 | 0.725  |         | -6.088 |       |
| Hexachlorocyclopentadiene   | 0.302 | 0.292  | 0.050   | -3.311 |       |
| 2,4,6-Trichlorophenol       | 0.394 | 0.393  |         | -0.254 | 20.0  |
| 2-Fluorobiphenyl            | 1.479 | 1.412  |         | -4.53  |       |
| 2,4,5-Trichlorophenol       | 0.467 | 0.455  |         | -2.57  |       |
| 1,1-Biphenyl                | 1.520 | 1.452  |         | -4.474 |       |
| 2-Chloronaphthalene         | 1.147 | 1.090  |         | -4.969 |       |
| 2-Nitroaniline              | 0.379 | 0.386  |         | 1.847  |       |

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Instrument ID: BNA\_G Calibration Date/Time: 3/15/2024 1:11:44

Lab File ID: BG060660.D Init. Calib. Date(s): \_\_\_\_\_

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

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

| COMPOUND                     | RRF   | RRF040 | MIN<br>RRF | %D     | MAX%D |
|------------------------------|-------|--------|------------|--------|-------|
| Dimethylphthalate            | 1.500 | 1.427  |            | -4.867 |       |
| Acenaphthylene               | 1.869 | 1.792  |            | -4.12  |       |
| 2,6-Dinitrotoluene           | 0.276 | 0.286  |            | 3.623  |       |
| 3-Nitroaniline               | 0.318 | 0.314  |            | -1.258 |       |
| Acenaphthene                 | 1.117 | 1.060  |            | -5.103 | 20.0  |
| 2,4-Dinitrophenol            | 0.118 | 0.114  | 0.050      | -3.39  |       |
| 4-Nitrophenol                | 0.237 | 0.227  | 0.050      | -4.219 |       |
| Dibenzofuran                 | 1.808 | 1.686  |            | -6.748 |       |
| 2,4-Dinitrotoluene           | 0.348 | 0.367  |            | 5.46   |       |
| Diethylphthalate             | 1.543 | 1.444  |            | -6.416 |       |
| 4-Chlorophenyl-phenylether   | 0.733 | 0.687  |            | -6.276 |       |
| Fluorene                     | 1.447 | 1.357  |            | -6.22  |       |
| 4-Nitroaniline               | 0.326 | 0.320  |            | -1.84  |       |
| 4,6-Dinitro-2-methylphenol   | 0.083 | 0.088  |            | 6.024  |       |
| n-Nitrosodiphenylamine       | 0.626 | 0.615  |            | -1.757 | 20.0  |
| Azobenzene                   | 1.597 | 1.490  |            | -6.7   |       |
| 2,4,6-Tribromophenol         | 0.232 | 0.242  |            | 4.31   |       |
| 4-Bromophenyl-phenylether    | 0.216 | 0.226  |            | 4.63   |       |
| Hexachlorobenzene            | 0.248 | 0.239  |            | -3.629 |       |
| Atrazine                     | 0.209 | 0.208  |            | -0.478 |       |
| Pentachlorophenol            | 0.161 | 0.159  |            | -1.242 | 20.0  |
| Phenanthrene                 | 1.077 | 1.027  |            | -4.643 |       |
| Anthracene                   | 1.089 | 1.054  |            | -3.214 |       |
| Carbazole                    | 0.947 | 0.909  |            | -4.013 |       |
| Di-n-butylphthalate          | 1.154 | 1.151  |            | -0.26  |       |
| Fluoranthene                 | 1.192 | 1.149  |            | -3.607 | 20.0  |
| Benzidine                    | 0.489 | 0.542  |            | 10.838 |       |
| Pyrene                       | 1.396 | 1.332  |            | -4.585 |       |
| Terphenyl-d14                | 1.106 | 1.055  |            | -4.611 |       |
| Butylbenzylphthalate         | 0.528 | 0.551  |            | 4.356  |       |
| 3,3-Dichlorobenzidine        | 0.464 | 0.466  |            | 0.431  |       |
| Benzo (a) anthracene         | 1.377 | 1.321  |            | -4.067 |       |
| Chrysene                     | 1.337 | 1.278  |            | -4.413 |       |
| Bis (2-ethylhexyl) phthalate | 0.779 | 0.800  |            | 2.696  |       |
| Di-n-octyl phthalate         | 1.283 | 1.347  |            | 4.988  | 20.0  |
| Benzo (b) fluoranthene       | 1.100 | 1.071  |            | -2.636 |       |
| Benzo (k) fluoranthene       | 1.156 | 1.141  |            | -1.298 |       |
| Benzo (a) pyrene             | 1.079 | 1.058  |            | -1.946 | 20.0  |
| Indeno (1,2,3-cd) pyrene     | 1.364 | 1.365  |            | 0.073  |       |
| Dibenzo (a,h) anthracene     | 1.158 | 1.155  |            | -0.259 |       |
| Benzo (g,h,i) perylene       | 1.121 | 1.116  |            | -0.446 |       |



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Instrument ID: BNA\_G Calibration Date/Time: 3/15/2024 1:11:44

Lab File ID: BG060660.D Init. Calib. Date(s): \_\_\_\_\_

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

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

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D     | MAX%D |
|----------------------------|-------|--------|------------|--------|-------|
| 1,2,4,5-Tetrachlorobenzene | 0.614 | 0.582  |            | -5.212 |       |
| 1,4-Dioxane                | 0.533 | 0.501  |            | -6.004 | 20.0  |
| 2,3,4,6-Tetrachlorophenol  | 0.389 | 0.385  |            | -1.028 |       |
| 1-Methylnaphthalene        | 0.724 | 0.679  |            | -6.215 |       |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/15/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/15/2024 12:00:00 AM |
| Client Sample ID:  | PB159608BL     | SDG No.:        | BG031524              |
| Lab Sample ID:     | PB159608BL     | 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 |
| BG060661.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| 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 |
| 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 |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/15/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/15/2024 12:00:00 AM |
| Client Sample ID:  | PB159608BL     | SDG No.:        | BG031524              |
| Lab Sample ID:     | PB159608BL     | 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 |
| BG060661.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number | Parameter                                       | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|--------|-----------|--------|-----|------------|-------|
| 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 |
| 121-14-2   | 2,4-Dinitrotoluene                              | 86.2   | U         | 86.2   | 130 | 170        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 69.4   | U         | 169.4  | 130 | 340        | 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 |
| 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 |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/15/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/15/2024 12:00:00 AM |
| Client Sample ID:  | PB159608BL     | SDG No.:        | BG031524              |
| Lab Sample ID:     | PB159608BL     | 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 |
| BG060661.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number                | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 92-87-5                   | Benidine                   | 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             | 140.694 |           | 18-112 |     | 94         | SPK: -150 |
| 13127-88-3                | Phenol-d6                  | 135.421 |           | 15-107 |     | 90         | SPK: -150 |
| 4165-60-0                 | Nitrobenzene-d5            | 82.459  |           | 18-107 |     | 82         | SPK: -100 |
| 321-60-8                  | 2-Fluorobiphenyl           | 79.954  |           | 20-109 |     | 80         | SPK: -100 |
| 118-79-6                  | 2,4,6-Tribromophenol       | 137.794 |           | 10-110 |     | 92         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14              | 78.47   |           | 14-112 |     | 78         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                            |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4     | 102863  | 8.324     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8             | 489230  | 11.167    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10           | 329159  | 14.951    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10           | 755696  | 17.695    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12               | 674624  | 22.013    |        |     |            |           |
| 1520-96-3                 | Perylene-d12               | 763693  | 25.568    |        |     |            |           |



Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 3/15/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 3/15/2024 12:00:00 AM |
| Client Sample ID:  | PB159608BL | SDG No.:        | BG031524              |
| Lab Sample ID:     | PB159608BL | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.01      | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
|                    |            | Test:           |                       |
| Extraction Type :  |            | Decanted :      | Level : LOW           |
| Injection Volume : |            | GPC Factor :    | GPC Cleanup : PH :    |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG060661.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number                     | Parameter                        | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------------------------|----------------------------------|-------|-----------|-----|-----|------------|-------|
| TENTATIVE IDENTIFIED COMPOUNDS |                                  |       |           |     |     |            |       |
| 000123-42-2                    | 2-Pentanone, 4-hydroxy-4-methyl- | 150   | A         |     |     | 5.356      |       |
| 000112-95-8                    | Eicosane                         | 73.6  | J         |     |     | 28.288     |       |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/15/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/15/2024 12:00:00 AM |
| Client Sample ID:  | PB159608BS     | SDG No.:        | BG031524              |
| Lab Sample ID:     | PB159608BS     | 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 |
| BG060662.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 1400  |           | 86.7 | 270  | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 1000  |           | 79.8 | 130  | 170        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 760   |           | 180  | 270  | 330        | ug/Kg |
| 62-53-3        | Aniline                     | 680   |           | 96.8 | 130  | 170        | ug/Kg |
| 108-95-2       | Phenol                      | 1800  |           | 82.8 | 130  | 170        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1500  |           | 83.6 | 130  | 170        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1800  |           | 83.4 | 130  | 170        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 1500  |           | 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         | 1500  |           | 86.4 | 130  | 170        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 1600  |           | 82.9 | 270  | 330        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1600  |           | 80.5 | 130  | 170        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1500  |           | 90.8 | 130  | 170        | ug/Kg |
| 98-86-2        | Acetophenone                | 1500  |           | 86.8 | 130  | 170        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 1600  |           | 79.7 | 270  | 330        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1500  |           | 40.3 | 79.9 | 79.9       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1600  |           | 82.9 | 130  | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1500  |           | 90.7 | 130  | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 1500  |           | 84.5 | 130  | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1700  |           | 94.4 | 130  | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 1400  |           | 93.1 | 130  | 170        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1500  |           | 85.7 | 130  | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1700  |           | 75.4 | 130  | 170        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 1500  |           | 85.3 | 130  | 170        | ug/Kg |
| 65-85-0        | Benzoic acid                | 1700  |           | 240  | 270  | 330        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1500  |           | 82.5 | 130  | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 520   |           | 82.5 | 130  | 170        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1500  |           | 83.2 | 130  | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 1600  |           | 86.7 | 270  | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1600  |           | 77.4 | 130  | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1400  |           | 82.4 | 130  | 170        | ug/Kg |



## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/15/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/15/2024 12:00:00 AM |
| Client Sample ID:  | PB159608BS     | SDG No.:        | BG031524              |
| Lab Sample ID:     | PB159608BS     | 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 |
| BG060662.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|--------|-----|------------|-------|
| 77-47-4    | Hexachlorocyclopentadiene                       | 3200  | E         | 160    | 270 | 330        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 1700  |           | 71.4   | 130 | 170        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 1500  |           | 74     | 130 | 170        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 1500  |           | 87.3   | 130 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 1600  |           | 83.2   | 130 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 1700  |           | 94.9   | 130 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 1500  |           | 81.6   | 130 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 1600  |           | 86.4   | 130 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 1700  |           | 83.1   | 130 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 1100  |           | 89.1   | 130 | 170        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 1500  |           | 81     | 130 | 170        | ug/Kg |
| Total PAH  | Total PAH                                       | 25300 |           | 1323.5 | 130 | 2720       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 3400  | E         | 240    | 270 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 3500  | E         | 120    | 270 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 1500  |           | 84.3   | 130 | 170        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 3500  |           | 169.2  | 130 | 340        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 1800  |           | 86.1   | 130 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 1500  |           | 80     | 130 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 1500  |           | 85.5   | 130 | 170        | ug/Kg |
| 86-73-7    | Fluorene                                        | 1500  |           | 85.4   | 130 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 1600  |           | 110    | 130 | 170        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 1700  |           | 120    | 270 | 330        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 1500  |           | 81.5   | 130 | 170        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 1500  |           | 79.5   | 130 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 1600  |           | 78.8   | 130 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 1600  |           | 84.9   | 130 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 1400  |           | 91.3   | 130 | 170        | ug/Kg |
| 87-86-5    | Pentachlorophenol                               | 3100  | E         | 77.2   | 270 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene                                    | 1500  |           | 83.9   | 130 | 170        | ug/Kg |
| 120-12-7   | Anthracene                                      | 1500  |           | 84.3   | 130 | 170        | ug/Kg |
| 86-74-8    | Carbazole                                       | 1500  |           | 80.2   | 130 | 170        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate                             | 1600  |           | 84.2   | 130 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene                                    | 1500  |           | 81.6   | 130 | 170        | ug/Kg |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/15/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/15/2024 12:00:00 AM |
| Client Sample ID:  | PB159608BS     | SDG No.:        | BG031524              |
| Lab Sample ID:     | PB159608BS     | 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 |
| BG060662.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number                | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 92-87-5                   | Benidine                   | 820     |           | 160    | 270 | 330        | ug/Kg     |
| 129-00-0                  | Pyrene                     | 1500    |           | 82.9   | 130 | 170        | ug/Kg     |
| 85-68-7                   | Butylbenzylphthalate       | 1600    |           | 96.7   | 130 | 170        | ug/Kg     |
| 91-94-1                   | 3,3-Dichlorobenzidine      | 1200    |           | 98.5   | 270 | 330        | ug/Kg     |
| 56-55-3                   | Benzo(a)anthracene         | 1500    |           | 80.6   | 130 | 170        | ug/Kg     |
| 218-01-9                  | Chrysene                   | 1500    |           | 79.4   | 130 | 170        | ug/Kg     |
| 117-81-7                  | Bis(2-ethylhexyl)phthalate | 1600    |           | 90.9   | 130 | 170        | ug/Kg     |
| 117-84-0                  | Di-n-octyl phthalate       | 1700    |           | 110    | 270 | 330        | ug/Kg     |
| 205-99-2                  | Benzo(b)fluoranthene       | 1800    |           | 81     | 130 | 170        | ug/Kg     |
| 207-08-9                  | Benzo(k)fluoranthene       | 1700    |           | 82.5   | 130 | 170        | ug/Kg     |
| 50-32-8                   | Benzo(a)pyrene             | 1600    |           | 92.9   | 130 | 170        | ug/Kg     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene     | 1700    |           | 78     | 130 | 170        | ug/Kg     |
| 53-70-3                   | Dibenzo(a,h)anthracene     | 1700    |           | 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 | 1500    |           | 86.7   | 130 | 170        | ug/Kg     |
| 123-91-1                  | 1,4-Dioxane                | 1100    |           | 110    | 130 | 170        | ug/Kg     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol  | 1600    |           | 74.7   | 130 | 170        | ug/Kg     |
| 90-12-0                   | 1-Methylnaphthalene        | 1500    |           | 83.1   | 170 | 170        | ug/Kg     |
| <b>SURROGATES</b>         |                            |         |           |        |     |            |           |
| 367-12-4                  | 2-Fluorophenol             | 151.801 |           | 18-112 |     | 101        | SPK: -150 |
| 13127-88-3                | Phenol-d6                  | 144.575 |           | 15-107 |     | 96         | SPK: -150 |
| 4165-60-0                 | Nitrobenzene-d5            | 90.371  |           | 18-107 |     | 90         | SPK: -100 |
| 321-60-8                  | 2-Fluorobiphenyl           | 86.48   |           | 20-109 |     | 86         | SPK: -100 |
| 118-79-6                  | 2,4,6-Tribromophenol       | 150.926 |           | 10-110 |     | 101        | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14              | 83.144  |           | 14-112 |     | 83         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                            |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4     | 110974  | 8.326     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8             | 521823  | 11.17     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10           | 339065  | 14.954    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10           | 717678  | 17.698    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12               | 646350  | 22.022    |        |     |            |           |
| 1520-96-3                 | Perylene-d12               | 685250  | 25.571    |        |     |            |           |



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 3/15/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 3/15/2024 12:00:00 AM |
| Client Sample ID:  | PB159608BS | SDG No.:        | BG031524              |
| Lab Sample ID:     | PB159608BS | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.02      | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
|                    |            | Test:           |                       |
| Extraction Type :  |            | Decanted :      | Level : LOW           |
| Injection Volume : |            | GPC Factor :    | GPC Cleanup : PH :    |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG060662.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 3/12/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 3/12/2024 12:00:00 AM |
| Client Sample ID:  | MW-4       | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1749-04   | 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 |
| BG060663.D        | 1         | 3/14/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159586      |

| 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  |
| 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  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 3/12/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 3/12/2024 12:00:00 AM |
| Client Sample ID:  | MW-4       | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1749-04   | 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 |
| BG060663.D        | 1         | 3/14/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159586      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 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  |
| 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  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 3/12/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 3/12/2024 12:00:00 AM |
| Client Sample ID:  | MW-4       | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1749-04   | 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 |
| BG060663.D        | 1         | 3/14/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159586      |

| CAS Number                | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 92-87-5                   | Benidine                   | 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             | 55.515  |           | 10-139 |     | 37         | SPK: -150 |
| 13127-88-3                | Phenol-d6                  | 32.758  |           | 10-134 |     | 22         | SPK: -150 |
| 4165-60-0                 | Nitrobenzene-d5            | 89.029  |           | 49-133 |     | 89         | SPK: -100 |
| 321-60-8                  | 2-Fluorobiphenyl           | 86.306  |           | 52-132 |     | 86         | SPK: -100 |
| 118-79-6                  | 2,4,6-Tribromophenol       | 148.644 |           | 32-145 |     | 99         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14              | 86.306  |           | 36-145 |     | 86         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                            |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4     | 92201   | 8.323     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8             | 433816  | 11.167    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10           | 290558  | 14.945    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10           | 605367  | 17.695    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12               | 552639  | 22.007    |        |     |            |           |
| 1520-96-3                 | Perylene-d12               | 624489  | 25.562    |        |     |            |           |



Report of Analysis

|                    |          |                 |                       |
|--------------------|----------|-----------------|-----------------------|
| Client:            |          | Date Collected: | 3/12/2024 12:00:00 AM |
| Project:           |          | Date Received:  | 3/12/2024 12:00:00 AM |
| Client Sample ID:  | MW-4     | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1749-04 | Matrix:         | Water                 |
| Analytical Method: | 8270E    | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000     | Units:          | mL                    |
| Soil Aliquot Vol:  |          | Final Vol:      | 1000 uL               |
|                    |          | Test:           |                       |
| Extraction Type :  |          | Decanted :      | Level : LOW           |
| Injection Volume : |          | GPC Factor :    | GPC Cleanup : PH :    |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG060663.D        | 1         | 3/14/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159586      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | COMP-2       | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1771-03     | Matrix:         | Solid                 |
| Analytical Method: | 8270E        | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 5.02         | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL               |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Cleanup :   | PH :                  |
|                    | GPC Factor : |                 |                       |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG060664.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 520   | U         | 520  | 1600 | 2000       | ug/Kg |
| 110-86-1       | Pyridine                    | 480   | U         | 480  | 780  | 1000       | ug/Kg |
| 100-52-7       | Benzaldehyde                | 1100  | U         | 1100 | 1600 | 2000       | ug/Kg |
| 62-53-3        | Aniline                     | 580   | U         | 580  | 780  | 1000       | ug/Kg |
| 108-95-2       | Phenol                      | 500   | U         | 500  | 780  | 1000       | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 500   | U         | 500  | 780  | 1000       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 500   | U         | 500  | 780  | 1000       | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 510   | U         | 510  | 780  | 1000       | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 510   | U         | 510  | 780  | 1000       | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 520   | U         | 520  | 780  | 1000       | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 500   | U         | 500  | 1600 | 2000       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 480   | U         | 480  | 780  | 1000       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 540   | U         | 540  | 780  | 1000       | ug/Kg |
| 98-86-2        | Acetophenone                | 520   | U         | 520  | 780  | 1000       | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 480   | U         | 480  | 1600 | 2000       | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 240   | U         | 240  | 480  | 480        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 500   | U         | 500  | 780  | 1000       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 540   | U         | 540  | 780  | 1000       | ug/Kg |
| 78-59-1        | Isophorone                  | 510   | U         | 510  | 780  | 1000       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 560   | U         | 560  | 780  | 1000       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 560   | U         | 560  | 780  | 1000       | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 510   | U         | 510  | 780  | 1000       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 450   | U         | 450  | 780  | 1000       | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 510   | U         | 510  | 780  | 1000       | ug/Kg |
| 65-85-0        | Benzoic acid                | 1400  | U         | 1400 | 1600 | 2000       | ug/Kg |
| 91-20-3        | Naphthalene                 | 490   | U         | 490  | 780  | 1000       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 490   | U         | 490  | 780  | 1000       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 500   | U         | 500  | 780  | 1000       | ug/Kg |
| 105-60-2       | Caprolactam                 | 520   | U         | 520  | 1600 | 2000       | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 460   | U         | 460  | 780  | 1000       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 490   | U         | 490  | 780  | 1000       | ug/Kg |



## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | COMP-2       | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1771-03     | Matrix:         | Solid                 |
| Analytical Method: | 8270E        | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 5.02         | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL               |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Cleanup :   | PH :                  |
|                    | GPC Factor : |                 |                       |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG060664.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|------|------|------------|-------|
| 77-47-4    | Hexachlorocyclopentadiene                       | 930   | U         | 930  | 1600 | 2000       | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 430   | U         | 430  | 780  | 1000       | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 440   | U         | 440  | 780  | 1000       | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 520   | U         | 520  | 780  | 1000       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 500   | U         | 500  | 780  | 1000       | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 570   | U         | 570  | 780  | 1000       | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 490   | U         | 490  | 780  | 1000       | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 520   | U         | 520  | 780  | 1000       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 500   | U         | 500  | 780  | 1000       | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 530   | U         | 530  | 780  | 1000       | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 480   | U         | 480  | 780  | 1000       | ug/Kg |
| Total PAH  | Total PAH                                       | 7920  | U         | 7920 | 780  | 16000      | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 1500  | U         | 1500 | 1600 | 2000       | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 690   | U         | 690  | 1600 | 2000       | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 500   | U         | 500  | 780  | 1000       | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 1020  | U         | 1020 | 780  | 2000       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 520   | U         | 520  | 780  | 1000       | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 480   | U         | 480  | 780  | 1000       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 510   | U         | 510  | 780  | 1000       | ug/Kg |
| 86-73-7    | Fluorene                                        | 510   | U         | 510  | 780  | 1000       | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 640   | U         | 640  | 780  | 1000       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 700   | U         | 700  | 1600 | 2000       | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 490   | U         | 490  | 780  | 1000       | ug/Kg |
| 103-33-3   | Azobenzene                                      | 480   | U         | 480  | 780  | 1000       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 470   | U         | 470  | 780  | 1000       | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 510   | U         | 510  | 780  | 1000       | ug/Kg |
| 1912-24-9  | Atrazine                                        | 550   | U         | 550  | 780  | 1000       | ug/Kg |
| 87-86-5    | Pentachlorophenol                               | 460   | U         | 460  | 1600 | 2000       | ug/Kg |
| 85-01-8    | Phenanthrene                                    | 500   | U         | 500  | 780  | 1000       | ug/Kg |
| 120-12-7   | Anthracene                                      | 500   | U         | 500  | 780  | 1000       | ug/Kg |
| 86-74-8    | Carbazole                                       | 480   | U         | 480  | 780  | 1000       | ug/Kg |
| 84-74-2    | Di-n-butylphthalate                             | 500   | U         | 500  | 780  | 1000       | ug/Kg |
| 206-44-0   | Fluoranthene                                    | 490   | U         | 490  | 780  | 1000       | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | COMP-2       | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1771-03     | Matrix:         | Solid                 |
| Analytical Method: | 8270E        | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 5.02         | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL               |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Cleanup :   | PH :                  |
|                    | GPC Factor : |                 |                       |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG060664.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number                | Parameter                  | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units     |
|---------------------------|----------------------------|--------|-----------|--------|------|------------|-----------|
| 92-87-5                   | Benidine                   | 970    | U         | 970    | 1600 | 2000       | ug/Kg     |
| 129-00-0                  | Pyrene                     | 500    | U         | 500    | 780  | 1000       | ug/Kg     |
| 85-68-7                   | Butylbenzylphthalate       | 580    | U         | 580    | 780  | 1000       | ug/Kg     |
| 91-94-1                   | 3,3-Dichlorobenzidine      | 590    | U         | 590    | 1600 | 2000       | ug/Kg     |
| 56-55-3                   | Benzo(a)anthracene         | 480    | U         | 480    | 780  | 1000       | ug/Kg     |
| 218-01-9                  | Chrysene                   | 480    | U         | 480    | 780  | 1000       | ug/Kg     |
| 117-81-7                  | Bis(2-ethylhexyl)phthalate | 540    | U         | 540    | 780  | 1000       | ug/Kg     |
| 117-84-0                  | Di-n-octyl phthalate       | 660    | U         | 660    | 1600 | 2000       | ug/Kg     |
| 205-99-2                  | Benzo(b)fluoranthene       | 480    | U         | 480    | 780  | 1000       | ug/Kg     |
| 207-08-9                  | Benzo(k)fluoranthene       | 490    | U         | 490    | 780  | 1000       | ug/Kg     |
| 50-32-8                   | Benzo(a)pyrene             | 560    | U         | 560    | 780  | 1000       | ug/Kg     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene     | 470    | U         | 470    | 780  | 1000       | ug/Kg     |
| 53-70-3                   | Dibenzo(a,h)anthracene     | 490    | U         | 490    | 780  | 1000       | ug/Kg     |
| 191-24-2                  | Benzo(g,h,i)perylene       | 480    | U         | 480    | 780  | 1000       | ug/Kg     |
| 95-94-3                   | 1,2,4,5-Tetrachlorobenzene | 520    | U         | 520    | 780  | 1000       | ug/Kg     |
| 123-91-1                  | 1,4-Dioxane                | 660    | U         | 660    | 780  | 1000       | ug/Kg     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol  | 450    | U         | 450    | 780  | 1000       | ug/Kg     |
| 90-12-0                   | 1-Methylnaphthalene        | 500    | U         | 500    | 1000 | 1000       | ug/Kg     |
| <b>SURROGATES</b>         |                            |        |           |        |      |            |           |
| 367-12-4                  | 2-Fluorophenol             | 88.826 |           | 18-112 |      | 59         | SPK: -150 |
| 13127-88-3                | Phenol-d6                  | 88.051 |           | 15-107 |      | 59         | SPK: -150 |
| 4165-60-0                 | Nitrobenzene-d5            | 61.232 |           | 18-107 |      | 61         | SPK: -100 |
| 321-60-8                  | 2-Fluorobiphenyl           | 61.352 |           | 20-109 |      | 61         | SPK: -100 |
| 118-79-6                  | 2,4,6-Tribromophenol       | 92.443 |           | 10-110 |      | 62         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14              | 57.563 |           | 14-112 |      | 58         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                            |        |           |        |      |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4     | 120724 | 8.323     |        |      |            |           |
| 1146-65-2                 | Naphthalene-d8             | 517234 | 11.167    |        |      |            |           |
| 15067-26-2                | Acenaphthene-d10           | 310006 | 14.951    |        |      |            |           |
| 1517-22-2                 | Phenanthrene-d10           | 547230 | 17.706    |        |      |            |           |
| 1719-03-5                 | Chrysene-d12               | 531105 | 22.019    |        |      |            |           |
| 1520-96-3                 | Perylene-d12               | 636689 | 25.574    |        |      |            |           |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | COMP-2       | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1771-03     | Matrix:         | Solid                 |
| Analytical Method: | 8270E        | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 5.02         | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL               |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Cleanup :   | PH :                  |
|                    | GPC Factor : |                 |                       |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG060664.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number                            | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |       |           |     |     |            |       |
| 004254-15-3                           | (S)-(+)-1,2-Propanediol            | 5600  | J         |     |     | 3.893      |       |
| 000112-36-7                           | Diethyl carbitol                   | 940   | J         |     |     | 9.087      |       |
| 055956-25-7                           | 2-Propanol, 1-[1-methyl-2-(2-prope | 14400 | J         |     |     | 11.637     |       |
| 029911-28-2                           | 2-Propanol, 1-(2-butoxy-1-methylet | 15600 | J         |     |     | 11.696     |       |
|                                       | unknown11.737                      | 720   | J         |     |     | 11.737     |       |
| 002234-75-5                           | Cyclohexane, 1,2,4-trimethyl-      | 730   | J         |     |     | 12.483     |       |
|                                       | unknown12.595                      | 670   | J         |     |     | 12.595     |       |
|                                       | unknown14340                       | 510   | J         |     |     | 14.34      |       |
| 000611-43-8                           | 1,1-Biphenyl, 2,3-dimethyl-        | 760   | J         |     |     | 15.286     |       |
| 000605-39-0                           | 2,2-Dimethylbiphenyl               | 1100  | J         |     |     | 15.438     |       |
| 002425-54-9                           | Tetradecane, 1-chloro-             | 640   | J         |     |     | 15.709     |       |
| 001921-70-6                           | Pentadecane, 2,6,10,14-tetramethyl | 4500  | J         |     |     | 16.596     |       |
| 054833-48-6                           | Heptadecane, 2,6,10,15-tetramethyl | 4000  | J         |     |     | 17.424     |       |
| 1000406-32-2                          | Octacosane, 1-iodo-                | 2300  | J         |     |     | 23.494     |       |
| 000629-97-0                           | Docosane                           | 2200  | J         |     |     | 23.558     |       |
| 001560-89-0                           | Heptadecane, 2-methyl-             | 1500  | J         |     |     | 25.491     |       |
| 000083-47-6                           | .gamma.-Sitosterol                 | 1300  | J         |     |     | 31.42      |       |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | MW-2       | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1769-01   | 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 |
| BG060665.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159612      |

| 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                      | 2200  | E         | 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              | 2.3   | J         | 0.71 | 4   | 5          | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 5.5   |           | 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         | 17    |           | 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              | 1300  | E         | 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           | 960   | E         | 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          | 640   | E         | 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                | 33.4  |           | 5.5  | 8   | 10         | ug/L  |
| 91-20-3        | Naphthalene                 | 5.7   |           | 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  |
| 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  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | MW-2       | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1769-01   | 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 |
| BG060665.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159612      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 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                                    | 19.7  |           | 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  |
| 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                             | 5.3   |           | 1.5   | 4   | 5          | ug/L  |
| 206-44-0   | Fluoranthene                                    | 1.3   | U         | 1.3   | 4   | 5          | ug/L  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | MW-2       | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1769-01   | 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 |
| BG060665.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159612      |

| CAS Number                | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 92-87-5                   | Benidine                   | 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 | 3.5     | 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                | 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             | 60.212  |           | 10-139 |     | 40         | SPK: -150 |
| 13127-88-3                | Phenol-d6                  | 29.579  |           | 10-134 |     | 20         | SPK: -150 |
| 4165-60-0                 | Nitrobenzene-d5            | 96.372  |           | 49-133 |     | 96         | SPK: -100 |
| 321-60-8                  | 2-Fluorobiphenyl           | 86.892  |           | 52-132 |     | 87         | SPK: -100 |
| 118-79-6                  | 2,4,6-Tribromophenol       | 151.689 |           | 32-145 |     | 101        | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14              | 92.039  |           | 36-145 |     | 92         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                            |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4     | 111228  | 8.329     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8             | 491090  | 11.173    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10           | 310204  | 14.951    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10           | 606327  | 17.695    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12               | 535877  | 22.013    |        |     |            |           |
| 1520-96-3                 | Perylene-d12               | 628584  | 25.568    |        |     |            |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | MW-2       | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1769-01   | 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 |
| BG060665.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159612      |

| CAS Number                            | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |       |           |     |     |            |       |
| 000149-57-5                           | Hexanoic acid, 2-ethyl-            | 32.8  | J         |     |     | 9.681      |       |
| 000123-07-9                           | Phenol, 4-ethyl-                   | 52.7  | J         |     |     | 10.579     |       |
| 000539-80-0                           | 2,4,6-Cycloheptatrien-1-one        | 80    | J         |     |     | 10.621     |       |
| 000088-18-6                           | Phenol, 2-(1,1-dimethylethyl)-     | 43.2  | J         |     |     | 12.137     |       |
| 000585-34-2                           | Phenol, m-tert-butyl-              | 470   | J         |     |     | 12.566     |       |
| 001667-01-2                           | Ethanone, 1-(2,4,6-trimethylphenyl | 90.4  | J         |     |     | 14.792     |       |
| 000092-69-3                           | p-Hydroxybiphenyl                  | 44.6  | J         |     |     | 16.937     |       |
| 002467-02-9                           | Phenol, 2,2-methylenebis-          | 60.7  | J         |     |     | 18.846     |       |
| 002467-03-0                           | Phenol, 2-[(4-hydroxyphenyl)methyl | 260   | J         |     |     | 19.076     |       |
| 004249-72-3                           | 2-Phenoxy-1-phenylethanol          | 97.7  | J         |     |     | 19.434     |       |
| 000620-92-8                           | Phenol, 4,4-methylenebis-          | 220   | J         |     |     | 19.487     |       |
| 1000319-18-4                          | Benzenamine, 4-(2,5-dimethyl-1H-py | 120   | J         |     |     | 19.875     |       |
| 000080-05-7                           | Phenol, 4,4-(1-methylethylidene)b  | 100   | J         |     |     | 20.098     |       |
| 032375-25-0                           | 2-Isopropenyl-2,3-dihydrofuro[3,2- | 25.7  | J         |     |     | 20.174     |       |
|                                       | unknown20.544                      | 26.2  | J         |     |     | 20.544     |       |
| 002082-79-3                           | Benzenepropanoic acid, 3,5-bis(1,1 | 230   | J         |     |     | 25.28      |       |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | MW-1           | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1769-02       | 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 |
| BG060666.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159612      |

| 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                      | 2.3   | 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           | 8.1   | J         | 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  |
| 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  |



## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | MW-1         | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1769-02     | 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 Cleanup :   | PH :                  |
|                    | GPC Factor : |                 |                       |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG060666.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159612      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 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  |
| 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  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | MW-1       | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1769-02   | 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 |
| BG060666.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159612      |

| CAS Number                | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 92-87-5                   | Benidine                   | 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             | 58.692  |           | 10-139 |     | 39         | SPK: -150 |
| 13127-88-3                | Phenol-d6                  | 35.64   |           | 10-134 |     | 24         | SPK: -150 |
| 4165-60-0                 | Nitrobenzene-d5            | 96.925  |           | 49-133 |     | 97         | SPK: -100 |
| 321-60-8                  | 2-Fluorobiphenyl           | 87.673  |           | 52-132 |     | 88         | SPK: -100 |
| 118-79-6                  | 2,4,6-Tribromophenol       | 155.789 |           | 32-145 |     | 104        | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14              | 90.229  |           | 36-145 |     | 90         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                            |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4     | 89979   | 8.324     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8             | 411511  | 11.168    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10           | 276984  | 14.945    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10           | 567162  | 17.695    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12               | 504480  | 22.008    |        |     |            |           |
| 1520-96-3                 | Perylene-d12               | 586261  | 25.568    |        |     |            |           |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | MW-1           | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1769-02       | 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 |
| BG060666.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159612      |

| CAS Number                            | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |       |           |     |     |            |       |
| 000108-38-3                           | Benzene, 1,3-dimethyl-             | 15.8  | J         |     |     | 5.891      |       |
| 000539-80-0                           | 2,4,6-Cycloheptatrien-1-one        | 35.4  | J         |     |     | 10.58      |       |
| 054446-78-5                           | Ethanol, 1-(2-butoxyethoxy)-       | 8.1   | J         |     |     | 10.921     |       |
| 000088-18-6                           | Phenol, 2-(1,1-dimethylethyl)-     | 15.4  | J         |     |     | 12.125     |       |
| 000098-54-4                           | Phenol, p-tert-butyl-              | 640   | J         |     |     | 12.478     |       |
| 000098-27-1                           | Phenol, 4-(1,1-dimethylethyl)-2-me | 4     | J         |     |     | 13.271     |       |
| 000080-46-6                           | Phenol, 4-(1,1-dimethylpropyl)-    | 15.1  | J         |     |     | 13.765     |       |
| 000101-84-8                           | Diphenyl ether                     | 12.2  | J         |     |     | 13.999     |       |
| 002040-07-5                           | Ethanone, 1-(2,4,5-trimethylphenyl | 47.5  | J         |     |     | 14.781     |       |
| 000096-76-4                           | 2,4-Di-tert-butylphenol            | 26.1  | J         |     |     | 14.893     |       |
| 016094-31-8                           | Benzoic acid, 5-(1,1-dimethylethyl | 6     | J         |     |     | 15.686     |       |
| 000090-41-5                           | 2-Aminobiphenyl                    | 4.3   | J         |     |     | 15.927     |       |
| 002081-08-5                           | 4,4-Ethylidenediphenol             | 18.1  | J         |     |     | 19.27      |       |
| 006047-64-9                           | s-Indacene, 1,2,3,5,6,7-hexahydro- | 13.5  | J         |     |     | 19.763     |       |
| 1000396-53-2                          | formamide, N-[4-[(4-methoxyphenyl) | 4.2   | J         |     |     | 19.928     |       |
| 000080-05-7                           | Phenol, 4,4-(1-methylethylidene)b  | 11.8  | J         |     |     | 20.087     |       |
| 1000396-53-8                          | hydrazine, 1-(4-methoxyphenyl)-1,2 | 5.5   | J         |     |     | 20.216     |       |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | FB-3-14-24     | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1769-03       | 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 |
| BG060667.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159612      |

| 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  |
| 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  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | FB-3-14-24     | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1769-03       | 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 |
| BG060667.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159612      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 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  |
| 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  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | FB-3-14-24     | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1769-03       | 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 |
| BG060667.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159612      |

| CAS Number                | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 92-87-5                   | Benidine                   | 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             | 59.854  |           | 10-139 |     | 40         | SPK: -150 |
| 13127-88-3                | Phenol-d6                  | 35.952  |           | 10-134 |     | 24         | SPK: -150 |
| 4165-60-0                 | Nitrobenzene-d5            | 90.33   |           | 49-133 |     | 90         | SPK: -100 |
| 321-60-8                  | 2-Fluorobiphenyl           | 82.526  |           | 52-132 |     | 83         | SPK: -100 |
| 118-79-6                  | 2,4,6-Tribromophenol       | 145.052 |           | 32-145 |     | 97         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14              | 89.58   |           | 36-145 |     | 90         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                            |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4     | 91556   | 8.32      |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8             | 439105  | 11.169    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10           | 300511  | 14.947    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10           | 626641  | 17.697    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12               | 545929  | 22.01     |        |     |            |           |
| 1520-96-3                 | Perylene-d12               | 637360  | 25.564    |        |     |            |           |



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## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | FB-3-14-24 | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1769-03   | 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 |
| BG060667.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159612      |

| CAS Number                     | Parameter           | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------------------------|---------------------|-------|-----------|-----|-----|------------|-------|
| TENTATIVE IDENTIFIED COMPOUNDS |                     |       |           |     |     |            |       |
| 000625-77-4                    | Diacetamide         | 2.6   | J         |     |     | 5.359      |       |
| 002027-47-6                    | 9-Octadecenoic acid | 2.4   | J         |     |     | 19.66      |       |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | MW-6A          | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1773-02       | 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 |
| BG060668.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159612      |

| 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                | 83.2  | E         | 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                 | 32.5  |           | 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  |
| 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         | 2.4   | J         | 1.1  | 4   | 5          | ug/L  |



## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | MW-6A      | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1773-02   | 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 |
| BG060668.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159612      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 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                                       | 32.5  | 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  |
| 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  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | MW-6A      | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1773-02   | 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 |
| BG060668.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159612      |

| CAS Number                | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 92-87-5                   | Benidine                   | 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        | 4.9     | J         | 0.86   | 4   | 5          | ug/L      |
| <b>SURROGATES</b>         |                            |         |           |        |     |            |           |
| 367-12-4                  | 2-Fluorophenol             | 54.306  |           | 10-139 |     | 36         | SPK: -150 |
| 13127-88-3                | Phenol-d6                  | 32.199  |           | 10-134 |     | 21         | SPK: -150 |
| 4165-60-0                 | Nitrobenzene-d5            | 90.152  |           | 49-133 |     | 90         | SPK: -100 |
| 321-60-8                  | 2-Fluorobiphenyl           | 88.594  |           | 52-132 |     | 89         | SPK: -100 |
| 118-79-6                  | 2,4,6-Tribromophenol       | 155.267 |           | 32-145 |     | 104        | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14              | 90.631  |           | 36-145 |     | 91         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                            |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4     | 96200   | 8.326     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8             | 431213  | 11.17     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10           | 280037  | 14.948    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10           | 580714  | 17.698    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12               | 505127  | 22.01     |        |     |            |           |
| 1520-96-3                 | Perylene-d12               | 589729  | 25.565    |        |     |            |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | MW-6A      | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1773-02   | 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 |
| BG060668.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159612      |

| CAS Number                            | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |       |           |     |     |            |       |
| 000526-73-8                           | Benzene, 1,2,3-trimethyl-          | 14.8  | J         |     |     | 7.504      |       |
| 000622-96-8                           | Benzene, 1-ethyl-4-methyl-         | 39.3  | J         |     |     | 7.674      |       |
| 000108-67-8                           | Mesitylene                         | 73.4  | J         |     |     | 7.939      |       |
| 000095-63-6                           | Benzene, 1,2,4-trimethyl-          | 42.8  | J         |     |     | 8.415      |       |
| 000496-11-7                           | Indane                             | 37.2  | J         |     |     | 8.691      |       |
| 000141-93-5                           | Benzene, 1,3-diethyl-              | 9.4   | J         |     |     | 8.785      |       |
| 000135-01-3                           | Benzene, 1,2-diethyl-              | 9.2   | J         |     |     | 8.937      |       |
| 000098-85-1                           | Benzenemethanol, .alpha.-methyl-   | 39.7  | J         |     |     | 9.014      |       |
| 001758-88-9                           | Benzene, 2-ethyl-1,4-dimethyl-     | 9.6   | J         |     |     | 9.255      |       |
| 000934-80-5                           | Benzene, 4-ethyl-1,2-dimethyl-     | 31.3  | J         |     |     | 9.407      |       |
| 000527-84-4                           | o-Cymene                           | 6.1   | J         |     |     | 9.748      |       |
| 000095-93-2                           | Benzene, 1,2,4,5-tetramethyl-      | 9.5   | J         |     |     | 9.936      |       |
| 000527-53-7                           | Benzene, 1,2,3,5-tetramethyl-      | 6.6   | J         |     |     | 9.995      |       |
| 000824-22-6                           | 1H-Indene, 2,3-dihydro-4-methyl-   | 7.7   | J         |     |     | 10.383     |       |
| 000824-90-8                           | 1-Phenyl-1-butene                  | 15    | J         |     |     | 10.53      |       |
| 000083-33-0                           | 1H-Inden-1-one, 2,3-dihydro-       | 10.2  | J         |     |     | 12.545     |       |
| 051932-70-8                           | 1H-Indene-4-carboxaldehyde, 2,3-di | 5.6   | J         |     |     | 14.126     |       |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | COMP-1       | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1764-10     | Matrix:         | Solid                 |
| Analytical Method: | 8270E        | % Moisture:     | 11.2                  |
| Sample Wt/Vol:     | 30.05        | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL               |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Cleanup :   | PH :                  |
|                    | GPC Factor : |                 |                       |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG060669.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 97.6  | U         | 97.6 | 300  | 370        | ug/Kg |
| 110-86-1       | Pyridine                    | 89.8  | U         | 89.8 | 150  | 190        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 200   | U         | 200  | 300  | 370        | ug/Kg |
| 62-53-3        | Aniline                     | 110   | U         | 110  | 150  | 190        | ug/Kg |
| 108-95-2       | Phenol                      | 93.2  | U         | 93.2 | 150  | 190        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 94.1  | U         | 94.1 | 150  | 190        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 93.9  | U         | 93.9 | 150  | 190        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 95.1  | U         | 95.1 | 150  | 190        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 96.7  | U         | 96.7 | 150  | 190        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 97.2  | U         | 97.2 | 150  | 190        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 93.3  | U         | 93.3 | 300  | 370        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 90.6  | U         | 90.6 | 150  | 190        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 100   | U         | 100  | 150  | 190        | ug/Kg |
| 98-86-2        | Acetophenone                | 97.7  | U         | 97.7 | 150  | 190        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 89.7  | U         | 89.7 | 300  | 370        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 45.3  | U         | 45.3 | 89.9 | 89.9       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 93.3  | U         | 93.3 | 150  | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 100   | U         | 100  | 150  | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 95.1  | U         | 95.1 | 150  | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 110   | U         | 110  | 150  | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 100   | U         | 100  | 150  | 190        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 96.5  | U         | 96.5 | 150  | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 84.9  | U         | 84.9 | 150  | 190        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 96    | U         | 96   | 150  | 190        | ug/Kg |
| 65-85-0        | Benzoic acid                | 270   | U         | 270  | 300  | 370        | ug/Kg |
| 91-20-3        | Naphthalene                 | 92.9  | U         | 92.9 | 150  | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 92.9  | U         | 92.9 | 150  | 190        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 93.7  | U         | 93.7 | 150  | 190        | ug/Kg |
| 105-60-2       | Caprolactam                 | 97.6  | U         | 97.6 | 300  | 370        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 87.1  | U         | 87.1 | 150  | 190        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 92.8  | U         | 92.8 | 150  | 190        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | COMP-1       | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1764-10     | Matrix:         | Solid                 |
| Analytical Method: | 8270E        | % Moisture:     | 11.2                  |
| Sample Wt/Vol:     | 30.05        | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL               |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Cleanup :   | PH :                  |
|                    | GPC Factor : |                 |                       |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG060669.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number | Parameter                                       | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|--------|-----------|--------|-----|------------|-------|
| 77-47-4    | Hexachlorocyclopentadiene                       | 180    | U         | 180    | 300 | 370        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 80.3   | U         | 80.3   | 150 | 190        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 83.2   | U         | 83.2   | 150 | 190        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 98.3   | U         | 98.3   | 150 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 93.7   | U         | 93.7   | 150 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 110    | U         | 110    | 150 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 91.9   | U         | 91.9   | 150 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 97.2   | U         | 97.2   | 150 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 93.5   | U         | 93.5   | 150 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 100    | U         | 100    | 150 | 190        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 91.2   | U         | 91.2   | 150 | 190        | ug/Kg |
| Total PAH  | Total PAH                                       | 1485.3 | U         | 1485.3 | 150 | 3040       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 270    | U         | 270    | 300 | 370        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 130    | U         | 130    | 300 | 370        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 94.9   | U         | 94.9   | 150 | 190        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 90.4   | U         | 190.4  | 150 | 380        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 96.9   | U         | 96.9   | 150 | 190        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 90.1   | U         | 90.1   | 150 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 96.2   | U         | 96.2   | 150 | 190        | ug/Kg |
| 86-73-7    | Fluorene                                        | 96.1   | U         | 96.1   | 150 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 120    | U         | 120    | 150 | 190        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 130    | U         | 130    | 300 | 370        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 91.7   | U         | 91.7   | 150 | 190        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 89.5   | U         | 89.5   | 150 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 88.7   | U         | 88.7   | 150 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 95.6   | U         | 95.6   | 150 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 100    | U         | 100    | 150 | 190        | ug/Kg |
| 87-86-5    | Pentachlorophenol                               | 86.9   | U         | 86.9   | 300 | 370        | ug/Kg |
| 85-01-8    | Phenanthrene                                    | 94.4   | U         | 94.4   | 150 | 190        | ug/Kg |
| 120-12-7   | Anthracene                                      | 94.9   | U         | 94.9   | 150 | 190        | ug/Kg |
| 86-74-8    | Carbazole                                       | 90.3   | U         | 90.3   | 150 | 190        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate                             | 94.8   | U         | 94.8   | 150 | 190        | ug/Kg |
| 206-44-0   | Fluoranthene                                    | 91.9   | U         | 91.9   | 150 | 190        | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | COMP-1     | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1764-10   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 11.2                  |
| Sample Wt/Vol:     | 30.05      | 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 |
| BG060669.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number                | Parameter                  | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|----------------------------|--------|-----------|--------|-----|------------|-----------|
| 92-87-5                   | Benidine                   | 180    | U         | 180    | 300 | 370        | ug/Kg     |
| 129-00-0                  | Pyrene                     | 93.3   | U         | 93.3   | 150 | 190        | ug/Kg     |
| 85-68-7                   | Butylbenzylphthalate       | 110    | U         | 110    | 150 | 190        | ug/Kg     |
| 91-94-1                   | 3,3-Dichlorobenzidine      | 110    | U         | 110    | 300 | 370        | ug/Kg     |
| 56-55-3                   | Benzo(a)anthracene         | 90.7   | U         | 90.7   | 150 | 190        | ug/Kg     |
| 218-01-9                  | Chrysene                   | 89.4   | U         | 89.4   | 150 | 190        | ug/Kg     |
| 117-81-7                  | Bis(2-ethylhexyl)phthalate | 100    | U         | 100    | 150 | 190        | ug/Kg     |
| 117-84-0                  | Di-n-octyl phthalate       | 120    | U         | 120    | 300 | 370        | ug/Kg     |
| 205-99-2                  | Benzo(b)fluoranthene       | 91.2   | U         | 91.2   | 150 | 190        | ug/Kg     |
| 207-08-9                  | Benzo(k)fluoranthene       | 92.9   | U         | 92.9   | 150 | 190        | ug/Kg     |
| 50-32-8                   | Benzo(a)pyrene             | 100    | U         | 100    | 150 | 190        | ug/Kg     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene     | 87.8   | U         | 87.8   | 150 | 190        | ug/Kg     |
| 53-70-3                   | Dibenzo(a,h)anthracene     | 91.3   | U         | 91.3   | 150 | 190        | ug/Kg     |
| 191-24-2                  | Benzo(g,h,i)perylene       | 90.1   | U         | 90.1   | 150 | 190        | ug/Kg     |
| 95-94-3                   | 1,2,4,5-Tetrachlorobenzene | 97.6   | U         | 97.6   | 150 | 190        | ug/Kg     |
| 123-91-1                  | 1,4-Dioxane                | 120    | U         | 120    | 150 | 190        | ug/Kg     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol  | 84     | U         | 84     | 150 | 190        | ug/Kg     |
| 90-12-0                   | 1-Methylnaphthalene        | 93.5   | U         | 93.5   | 190 | 190        | ug/Kg     |
| <b>SURROGATES</b>         |                            |        |           |        |     |            |           |
| 367-12-4                  | 2-Fluorophenol             | 83.693 |           | 18-112 |     | 56         | SPK: -150 |
| 13127-88-3                | Phenol-d6                  | 86.758 |           | 15-107 |     | 58         | SPK: -150 |
| 4165-60-0                 | Nitrobenzene-d5            | 52.398 |           | 18-107 |     | 52         | SPK: -100 |
| 321-60-8                  | 2-Fluorobiphenyl           | 50.965 |           | 20-109 |     | 51         | SPK: -100 |
| 118-79-6                  | 2,4,6-Tribromophenol       | 88.859 |           | 10-110 |     | 59         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14              | 52.645 |           | 14-112 |     | 53         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                            |        |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4     | 95001  | 8.32      |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8             | 453799 | 11.169    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10           | 303230 | 14.947    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10           | 632112 | 17.691    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12               | 567837 | 22.009    |        |     |            |           |
| 1520-96-3                 | Perylene-d12               | 652472 | 25.564    |        |     |            |           |



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## Report of Analysis

|                    |          |                 |                       |
|--------------------|----------|-----------------|-----------------------|
| Client:            |          | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |          | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | COMP-1   | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1764-10 | Matrix:         | Solid                 |
| Analytical Method: | 8270E    | % Moisture:     | 11.2                  |
| Sample Wt/Vol:     | 30.05    | Units:          | g                     |
| Soil Aliquot Vol:  |          | Final Vol:      | 1000 uL               |
|                    |          | Test:           |                       |
| Extraction Type :  |          | Decanted :      | Level : LOW           |
| Injection Volume : |          | GPC Factor :    | GPC Cleanup : PH :    |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG060669.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number                     | Parameter                      | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------------------------|--------------------------------|-------|-----------|-----|-----|------------|-------|
| TENTATIVE IDENTIFIED COMPOUNDS |                                |       |           |     |     |            |       |
| 000057-10-3                    | n-Hexadecanoic acid            | 160   | J         |     |     | 18.514     |       |
| 959085-66-6                    | Heptadecyl heptafluorobutyrate | 140   | J         |     |     | 21.557     |       |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | PMW-1          | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1773-03       | 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 |
| BG060670.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159612      |

| 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  |
| 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  |



## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | PMW-1      | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1773-03   | 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 |
| BG060670.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159612      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 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  |
| 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  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | PMW-1      | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1773-03   | 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 |
| BG060670.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159612      |

| CAS Number                | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 92-87-5                   | Benidine                   | 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             | 51.35   |           | 10-139 |     | 34         | SPK: -150 |
| 13127-88-3                | Phenol-d6                  | 30.3    |           | 10-134 |     | 20         | SPK: -150 |
| 4165-60-0                 | Nitrobenzene-d5            | 79.413  |           | 49-133 |     | 79         | SPK: -100 |
| 321-60-8                  | 2-Fluorobiphenyl           | 78.205  |           | 52-132 |     | 78         | SPK: -100 |
| 118-79-6                  | 2,4,6-Tribromophenol       | 130.004 |           | 32-145 |     | 87         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14              | 78.315  |           | 36-145 |     | 78         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                            |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4     | 90285   | 8.321     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8             | 435892  | 11.164    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10           | 290966  | 14.948    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10           | 596740  | 17.692    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12               | 539740  | 22.011    |        |     |            |           |
| 1520-96-3                 | Perylene-d12               | 613775  | 25.565    |        |     |            |           |



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## Report of Analysis

|                    |          |                 |                       |
|--------------------|----------|-----------------|-----------------------|
| Client:            |          | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |          | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | PMW-1    | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1773-03 | 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 |
| BG060670.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159612      |

| CAS Number                     | Parameter                      | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------------------------|--------------------------------|-------|-----------|-----|-----|------------|-------|
| TENTATIVE IDENTIFIED COMPOUNDS |                                |       |           |     |     |            |       |
| 000057-10-3                    | n-Hexadecanoic acid            | 4.6   | J         |     |     | 18.515     |       |
| 000057-11-4                    | Octadecanoic acid              | 2.3   | J         |     |     | 19.772     |       |
| 959085-66-6                    | Heptadecyl heptafluorobutyrate | 2.4   | J         |     |     | 21.558     |       |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | COMP-2     | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1764-11   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 11.2                  |
| Sample Wt/Vol:     | 30.03      | 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 |
| BG060671.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 97.7  | U         | 97.7 | 300 | 370        | ug/Kg |
| 110-86-1       | Pyridine                    | 89.9  | U         | 89.9 | 150 | 190        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 200   | U         | 200  | 300 | 370        | ug/Kg |
| 62-53-3        | Aniline                     | 110   | U         | 110  | 150 | 190        | ug/Kg |
| 108-95-2       | Phenol                      | 93.3  | U         | 93.3 | 150 | 190        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 94.2  | U         | 94.2 | 150 | 190        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 93.9  | U         | 93.9 | 150 | 190        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 95.2  | U         | 95.2 | 150 | 190        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 96.8  | U         | 96.8 | 150 | 190        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 97.3  | U         | 97.3 | 150 | 190        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 93.4  | U         | 93.4 | 300 | 370        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 90.7  | U         | 90.7 | 150 | 190        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 100   | U         | 100  | 150 | 190        | ug/Kg |
| 98-86-2        | Acetophenone                | 97.8  | U         | 97.8 | 150 | 190        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 89.8  | U         | 89.8 | 300 | 370        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 45.3  | U         | 45.3 | 90  | 90         | ug/Kg |
| 67-72-1        | Hexachloroethane            | 93.4  | U         | 93.4 | 150 | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 100   | U         | 100  | 150 | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 95.2  | U         | 95.2 | 150 | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 110   | U         | 110  | 150 | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 100   | U         | 100  | 150 | 190        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 96.5  | U         | 96.5 | 150 | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 84.9  | U         | 84.9 | 150 | 190        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 96.1  | U         | 96.1 | 150 | 190        | ug/Kg |
| 65-85-0        | Benzoic acid                | 270   | U         | 270  | 300 | 370        | ug/Kg |
| 91-20-3        | Naphthalene                 | 92.9  | U         | 92.9 | 150 | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 92.9  | U         | 92.9 | 150 | 190        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 93.7  | U         | 93.7 | 150 | 190        | ug/Kg |
| 105-60-2       | Caprolactam                 | 97.7  | U         | 97.7 | 300 | 370        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 87.2  | U         | 87.2 | 150 | 190        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 92.8  | U         | 92.8 | 150 | 190        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | COMP-2       | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1764-11     | Matrix:         | Solid                 |
| Analytical Method: | 8270E        | % Moisture:     | 11.2                  |
| Sample Wt/Vol:     | 30.03        | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL               |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Cleanup :   | PH :                  |
|                    | GPC Factor : |                 |                       |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG060671.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number | Parameter                                       | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|--------|-----------|--------|-----|------------|-------|
| 77-47-4    | Hexachlorocyclopentadiene                       | 180    | U         | 180    | 300 | 370        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 80.3   | U         | 80.3   | 150 | 190        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 83.3   | U         | 83.3   | 150 | 190        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 98.3   | U         | 98.3   | 150 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 93.7   | U         | 93.7   | 150 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 110    | U         | 110    | 150 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 91.9   | U         | 91.9   | 150 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 97.3   | U         | 97.3   | 150 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 93.6   | U         | 93.6   | 150 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 100    | U         | 100    | 150 | 190        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 91.2   | U         | 91.2   | 150 | 190        | ug/Kg |
| Total PAH  | Total PAH                                       | 1486.1 | U         | 1486.1 | 150 | 3040       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 270    | U         | 270    | 300 | 370        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 130    | U         | 130    | 300 | 370        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 95     | U         | 95     | 150 | 190        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 90.6   | U         | 190.6  | 150 | 380        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 97     | U         | 97     | 150 | 190        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 90.1   | U         | 90.1   | 150 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 96.3   | U         | 96.3   | 150 | 190        | ug/Kg |
| 86-73-7    | Fluorene                                        | 96.2   | U         | 96.2   | 150 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 120    | U         | 120    | 150 | 190        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 130    | U         | 130    | 300 | 370        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 91.8   | U         | 91.8   | 150 | 190        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 89.6   | U         | 89.6   | 150 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 88.8   | U         | 88.8   | 150 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 95.6   | U         | 95.6   | 150 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 100    | U         | 100    | 150 | 190        | ug/Kg |
| 87-86-5    | Pentachlorophenol                               | 87     | U         | 87     | 300 | 370        | ug/Kg |
| 85-01-8    | Phenanthrene                                    | 94.5   | U         | 94.5   | 150 | 190        | ug/Kg |
| 120-12-7   | Anthracene                                      | 95     | U         | 95     | 150 | 190        | ug/Kg |
| 86-74-8    | Carbazole                                       | 90.3   | U         | 90.3   | 150 | 190        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate                             | 94.8   | U         | 94.8   | 150 | 190        | ug/Kg |
| 206-44-0   | Fluoranthene                                    | 91.9   | U         | 91.9   | 150 | 190        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | COMP-2       | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1764-11     | Matrix:         | Solid                 |
| Analytical Method: | 8270E        | % Moisture:     | 11.2                  |
| Sample Wt/Vol:     | 30.03        | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL               |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Cleanup :   | PH :                  |
|                    | GPC Factor : |                 |                       |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG060671.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number                | Parameter                  | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|----------------------------|--------|-----------|--------|-----|------------|-----------|
| 92-87-5                   | Benidine                   | 180    | U         | 180    | 300 | 370        | ug/Kg     |
| 129-00-0                  | Pyrene                     | 93.4   | U         | 93.4   | 150 | 190        | ug/Kg     |
| 85-68-7                   | Butylbenzylphthalate       | 110    | U         | 110    | 150 | 190        | ug/Kg     |
| 91-94-1                   | 3,3-Dichlorobenzidine      | 110    | U         | 110    | 300 | 370        | ug/Kg     |
| 56-55-3                   | Benzo(a)anthracene         | 90.8   | U         | 90.8   | 150 | 190        | ug/Kg     |
| 218-01-9                  | Chrysene                   | 89.4   | U         | 89.4   | 150 | 190        | ug/Kg     |
| 117-81-7                  | Bis(2-ethylhexyl)phthalate | 100    | U         | 100    | 150 | 190        | ug/Kg     |
| 117-84-0                  | Di-n-octyl phthalate       | 120    | U         | 120    | 300 | 370        | ug/Kg     |
| 205-99-2                  | Benzo(b)fluoranthene       | 91.2   | U         | 91.2   | 150 | 190        | ug/Kg     |
| 207-08-9                  | Benzo(k)fluoranthene       | 92.9   | U         | 92.9   | 150 | 190        | ug/Kg     |
| 50-32-8                   | Benzo(a)pyrene             | 100    | U         | 100    | 150 | 190        | ug/Kg     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene     | 87.9   | U         | 87.9   | 150 | 190        | ug/Kg     |
| 53-70-3                   | Dibenzo(a,h)anthracene     | 91.4   | U         | 91.4   | 150 | 190        | ug/Kg     |
| 191-24-2                  | Benzo(g,h,i)perylene       | 90.1   | U         | 90.1   | 150 | 190        | ug/Kg     |
| 95-94-3                   | 1,2,4,5-Tetrachlorobenzene | 97.7   | U         | 97.7   | 150 | 190        | ug/Kg     |
| 123-91-1                  | 1,4-Dioxane                | 120    | U         | 120    | 150 | 190        | ug/Kg     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol  | 84     | U         | 84     | 150 | 190        | ug/Kg     |
| 90-12-0                   | 1-Methylnaphthalene        | 93.6   | U         | 93.6   | 190 | 190        | ug/Kg     |
| <b>SURROGATES</b>         |                            |        |           |        |     |            |           |
| 367-12-4                  | 2-Fluorophenol             | 88.695 |           | 18-112 |     | 59         | SPK: -150 |
| 13127-88-3                | Phenol-d6                  | 90.604 |           | 15-107 |     | 60         | SPK: -150 |
| 4165-60-0                 | Nitrobenzene-d5            | 57.614 |           | 18-107 |     | 58         | SPK: -100 |
| 321-60-8                  | 2-Fluorobiphenyl           | 55.562 |           | 20-109 |     | 56         | SPK: -100 |
| 118-79-6                  | 2,4,6-Tribromophenol       | 93.666 |           | 10-110 |     | 62         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14              | 58.219 |           | 14-112 |     | 58         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                            |        |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4     | 100919 | 8.322     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8             | 457451 | 11.166    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10           | 309482 | 14.95     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10           | 644928 | 17.694    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12               | 569166 | 22.012    |        |     |            |           |
| 1520-96-3                 | Perylene-d12               | 669999 | 25.567    |        |     |            |           |



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

## Report of Analysis

|                    |          |                 |                       |
|--------------------|----------|-----------------|-----------------------|
| Client:            |          | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |          | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | COMP-2   | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1764-11 | Matrix:         | Solid                 |
| Analytical Method: | 8270E    | % Moisture:     | 11.2                  |
| Sample Wt/Vol:     | 30.03    | 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 |
| BG060671.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number                     | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------------------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| TENTATIVE IDENTIFIED COMPOUNDS |                                    |       |           |     |     |            |       |
| 000057-10-3                    | n-Hexadecanoic acid                | 170   | J         |     |     | 18.511     |       |
| 1000314-61-4                   | Carbonic acid, heptadecyl isobutyl | 150   | J         |     |     | 21.56      |       |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | COMP-2MS               | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1764-11MS             | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 11.2                  |
| Sample Wt/Vol:     | 30.08      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 |
| BG060672.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 1500  |           | 97.5 | 300  | 370        | ug/Kg |
| 110-86-1       | Pyridine                    | 1200  |           | 89.7 | 150  | 190        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 710   |           | 200  | 300  | 370        | ug/Kg |
| 62-53-3        | Aniline                     | 880   |           | 110  | 150  | 190        | ug/Kg |
| 108-95-2       | Phenol                      | 1900  |           | 93.1 | 150  | 190        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1600  |           | 94   | 150  | 190        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1800  |           | 93.8 | 150  | 190        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 1700  |           | 95   | 150  | 190        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 1600  |           | 96.6 | 150  | 190        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 1600  |           | 97.2 | 150  | 190        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 1700  |           | 93.2 | 300  | 370        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1700  |           | 90.5 | 150  | 190        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1600  |           | 100  | 150  | 190        | ug/Kg |
| 98-86-2        | Acetophenone                | 1600  |           | 97.6 | 150  | 190        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 1700  |           | 89.6 | 300  | 370        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1600  |           | 45.3 | 89.9 | 89.9       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1700  |           | 93.2 | 150  | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1600  |           | 100  | 150  | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 1600  |           | 95   | 150  | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1700  |           | 110  | 150  | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 1300  |           | 100  | 150  | 190        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1600  |           | 96.4 | 150  | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1800  |           | 84.8 | 150  | 190        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 1600  |           | 95.9 | 150  | 190        | ug/Kg |
| 65-85-0        | Benzoic acid                | 1700  |           | 270  | 300  | 370        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1600  |           | 92.8 | 150  | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 460   |           | 92.8 | 150  | 190        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1500  |           | 93.6 | 150  | 190        | ug/Kg |
| 105-60-2       | Caprolactam                 | 1700  |           | 97.5 | 300  | 370        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1700  |           | 87   | 150  | 190        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1500  |           | 92.7 | 150  | 190        | ug/Kg |



## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | COMP-2MS     | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1764-11MS   | Matrix:         | Solid                 |
| Analytical Method: | 8270E        | % Moisture:     | 11.2                  |
| Sample Wt/Vol:     | 30.08        | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL               |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Cleanup :   | PH :                  |
|                    | GPC Factor : |                 |                       |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG060672.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|--------|-----|------------|-------|
| 77-47-4    | Hexachlorocyclopentadiene                       | 3500  | E         | 180    | 300 | 370        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 1700  |           | 80.2   | 150 | 190        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 1600  |           | 83.1   | 150 | 190        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 1600  |           | 98.2   | 150 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 1600  |           | 93.6   | 150 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 1700  |           | 110    | 150 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 1600  |           | 91.8   | 150 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 1700  |           | 97.2   | 150 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 1700  |           | 93.4   | 150 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 960   |           | 100    | 150 | 190        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 1600  |           | 91.1   | 150 | 190        | ug/Kg |
| Total PAH  | Total PAH                                       | 26200 |           | 1483.9 | 150 | 3040       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 3400  | E         | 270    | 300 | 370        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 3500  | E         | 130    | 300 | 370        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 1600  |           | 94.8   | 150 | 190        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 1800  |           | 96.8   | 150 | 190        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 3500  |           | 190.2  | 150 | 380        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 1600  |           | 90     | 150 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 1600  |           | 96.1   | 150 | 190        | ug/Kg |
| 86-73-7    | Fluorene                                        | 1600  |           | 96     | 150 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 1600  |           | 120    | 150 | 190        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 1900  |           | 130    | 300 | 370        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 1600  |           | 91.6   | 150 | 190        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 1600  |           | 89.4   | 150 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 1700  |           | 88.6   | 150 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 1700  |           | 95.5   | 150 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 1700  |           | 100    | 150 | 190        | ug/Kg |
| 87-86-5    | Pentachlorophenol                               | 3300  | E         | 86.8   | 300 | 370        | ug/Kg |
| 85-01-8    | Phenanthrene                                    | 1600  |           | 94.3   | 150 | 190        | ug/Kg |
| 120-12-7   | Anthracene                                      | 1600  |           | 94.8   | 150 | 190        | ug/Kg |
| 86-74-8    | Carbazole                                       | 1600  |           | 90.2   | 150 | 190        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate                             | 1700  |           | 94.7   | 150 | 190        | ug/Kg |
| 206-44-0   | Fluoranthene                                    | 1600  |           | 91.8   | 150 | 190        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | COMP-2MS     | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1764-11MS   | Matrix:         | Solid                 |
| Analytical Method: | 8270E        | % Moisture:     | 11.2                  |
| Sample Wt/Vol:     | 30.08        | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL               |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Cleanup :   | PH :                  |
|                    | GPC Factor : |                 |                       |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG060672.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number                | Parameter                  | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|----------------------------|--------|-----------|--------|-----|------------|-----------|
| 92-87-5                   | Benidine                   | 2000   |           | 180    | 300 | 370        | ug/Kg     |
| 129-00-0                  | Pyrene                     | 1600   |           | 93.2   | 150 | 190        | ug/Kg     |
| 85-68-7                   | Butylbenzylphthalate       | 1700   |           | 110    | 150 | 190        | ug/Kg     |
| 91-94-1                   | 3,3-Dichlorobenzidine      | 830    |           | 110    | 300 | 370        | ug/Kg     |
| 56-55-3                   | Benzo(a)anthracene         | 1600   |           | 90.6   | 150 | 190        | ug/Kg     |
| 218-01-9                  | Chrysene                   | 1600   |           | 89.3   | 150 | 190        | ug/Kg     |
| 117-81-7                  | Bis(2-ethylhexyl)phthalate | 1700   |           | 100    | 150 | 190        | ug/Kg     |
| 117-84-0                  | Di-n-octyl phthalate       | 1800   |           | 120    | 300 | 370        | ug/Kg     |
| 205-99-2                  | Benzo(b)fluoranthene       | 1700   |           | 91.1   | 150 | 190        | ug/Kg     |
| 207-08-9                  | Benzo(k)fluoranthene       | 1700   |           | 92.8   | 150 | 190        | ug/Kg     |
| 50-32-8                   | Benzo(a)pyrene             | 1700   |           | 100    | 150 | 190        | ug/Kg     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene     | 1700   |           | 87.7   | 150 | 190        | ug/Kg     |
| 53-70-3                   | Dibenzo(a,h)anthracene     | 1700   |           | 91.2   | 150 | 190        | ug/Kg     |
| 191-24-2                  | Benzo(g,h,i)perylene       | 1600   |           | 90     | 150 | 190        | ug/Kg     |
| 95-94-3                   | 1,2,4,5-Tetrachlorobenzene | 1600   |           | 97.5   | 150 | 190        | ug/Kg     |
| 123-91-1                  | 1,4-Dioxane                | 1400   |           | 120    | 150 | 190        | ug/Kg     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol  | 1600   |           | 83.9   | 150 | 190        | ug/Kg     |
| 90-12-0                   | 1-Methylnaphthalene        | 1500   |           | 93.4   | 190 | 190        | ug/Kg     |
| <b>SURROGATES</b>         |                            |        |           |        |     |            |           |
| 367-12-4                  | 2-Fluorophenol             | 87.174 |           | 18-112 |     | 58         | SPK: -150 |
| 13127-88-3                | Phenol-d6                  | 86.005 |           | 15-107 |     | 57         | SPK: -150 |
| 4165-60-0                 | Nitrobenzene-d5            | 51.805 |           | 18-107 |     | 52         | SPK: -100 |
| 321-60-8                  | 2-Fluorobiphenyl           | 50.016 |           | 20-109 |     | 50         | SPK: -100 |
| 118-79-6                  | 2,4,6-Tribromophenol       | 88.602 |           | 10-110 |     | 59         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14              | 51.576 |           | 14-112 |     | 52         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                            |        |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4     | 102100 | 8.323     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8             | 492382 | 11.166    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10           | 324657 | 14.95     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10           | 668525 | 17.694    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12               | 596495 | 22.018    |        |     |            |           |
| 1520-96-3                 | Perylene-d12               | 679382 | 25.567    |        |     |            |           |



Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | COMP-2MS   | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1764-11MS | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 11.2                  |
| Sample Wt/Vol:     | 30.08      | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
|                    |            | Test:           |                       |
| Extraction Type :  |            | Decanted :      | Level : LOW           |
| Injection Volume : |            | GPC Factor :    | GPC Cleanup : PH :    |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG060672.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | COMP-2MSD    | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1764-11MSD  | Matrix:         | Solid                 |
| Analytical Method: | 8270E        | % Moisture:     | 11.2                  |
| Sample Wt/Vol:     | 30.06        | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL               |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Cleanup :   | PH :                  |
|                    | GPC Factor : |                 |                       |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG060673.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 1500  |           | 97.6 | 300  | 370        | ug/Kg |
| 110-86-1       | Pyridine                    | 1200  |           | 89.8 | 150  | 190        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 710   |           | 200  | 300  | 370        | ug/Kg |
| 62-53-3        | Aniline                     | 890   |           | 110  | 150  | 190        | ug/Kg |
| 108-95-2       | Phenol                      | 1900  |           | 93.2 | 150  | 190        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1600  |           | 94.1 | 150  | 190        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1900  |           | 93.8 | 150  | 190        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 1700  |           | 95.1 | 150  | 190        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 1700  |           | 96.7 | 150  | 190        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 1700  |           | 97.2 | 150  | 190        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 1700  |           | 93.3 | 300  | 370        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1700  |           | 90.6 | 150  | 190        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1600  |           | 100  | 150  | 190        | ug/Kg |
| 98-86-2        | Acetophenone                | 1700  |           | 97.7 | 150  | 190        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 1800  |           | 89.7 | 300  | 370        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1700  |           | 45.3 | 89.9 | 89.9       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1800  |           | 93.3 | 150  | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1600  |           | 100  | 150  | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 1700  |           | 95.1 | 150  | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1800  |           | 110  | 150  | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 1400  |           | 100  | 150  | 190        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1600  |           | 96.4 | 150  | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1800  |           | 84.9 | 150  | 190        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 1700  |           | 96   | 150  | 190        | ug/Kg |
| 65-85-0        | Benzoic acid                | 1800  |           | 270  | 300  | 370        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1600  |           | 92.8 | 150  | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 540   |           | 92.8 | 150  | 190        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1600  |           | 93.6 | 150  | 190        | ug/Kg |
| 105-60-2       | Caprolactam                 | 1800  |           | 97.6 | 300  | 370        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1800  |           | 87.1 | 150  | 190        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1600  |           | 92.7 | 150  | 190        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | COMP-2MSD              | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1764-11MSD            | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 11.2                  |
| Sample Wt/Vol:     | 30.06      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 |
| BG060673.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|--------|-----|------------|-------|
| 77-47-4    | Hexachlorocyclopentadiene                       | 3700  | E         | 180    | 300 | 370        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 1800  |           | 80.2   | 150 | 190        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 1700  |           | 83.2   | 150 | 190        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 1600  |           | 98.2   | 150 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 1700  |           | 93.6   | 150 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 1800  |           | 110    | 150 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 1700  |           | 91.8   | 150 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 1700  |           | 97.2   | 150 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 1800  |           | 93.5   | 150 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 1100  |           | 100    | 150 | 190        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 1600  |           | 91.1   | 150 | 190        | ug/Kg |
| Total PAH  | Total PAH                                       | 27300 |           | 1484.6 | 150 | 3040       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 3600  | E         | 270    | 300 | 370        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 3700  | E         | 130    | 300 | 370        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 1600  |           | 94.9   | 150 | 190        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 3800  |           | 190.4  | 150 | 380        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 2000  |           | 96.9   | 150 | 190        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 1600  |           | 90     | 150 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 1600  |           | 96.2   | 150 | 190        | ug/Kg |
| 86-73-7    | Fluorene                                        | 1600  |           | 96.1   | 150 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 1700  |           | 120    | 150 | 190        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 1900  |           | 130    | 300 | 370        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 1700  |           | 91.7   | 150 | 190        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 1600  |           | 89.5   | 150 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 1800  |           | 88.7   | 150 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 1800  |           | 95.5   | 150 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 1800  |           | 100    | 150 | 190        | ug/Kg |
| 87-86-5    | Pentachlorophenol                               | 3400  | E         | 86.9   | 300 | 370        | ug/Kg |
| 85-01-8    | Phenanthrene                                    | 1600  |           | 94.4   | 150 | 190        | ug/Kg |
| 120-12-7   | Anthracene                                      | 1700  |           | 94.9   | 150 | 190        | ug/Kg |
| 86-74-8    | Carbazole                                       | 1700  |           | 90.2   | 150 | 190        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate                             | 1700  |           | 94.7   | 150 | 190        | ug/Kg |
| 206-44-0   | Fluoranthene                                    | 1700  |           | 91.8   | 150 | 190        | ug/Kg |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | COMP-2MSD      | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1764-11MSD    | Matrix:         | Solid                 |
| Analytical Method: | 8270E          | % Moisture:     | 11.2                  |
| Sample Wt/Vol:     | 30.06 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 |
| BG060673.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number                | Parameter                  | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|----------------------------|--------|-----------|--------|-----|------------|-----------|
| 92-87-5                   | Benidine                   | 2000   |           | 180    | 300 | 370        | ug/Kg     |
| 129-00-0                  | Pyrene                     | 1700   |           | 93.3   | 150 | 190        | ug/Kg     |
| 85-68-7                   | Butylbenzylphthalate       | 1900   |           | 110    | 150 | 190        | ug/Kg     |
| 91-94-1                   | 3,3-Dichlorobenzidine      | 940    |           | 110    | 300 | 370        | ug/Kg     |
| 56-55-3                   | Benzo(a)anthracene         | 1700   |           | 90.7   | 150 | 190        | ug/Kg     |
| 218-01-9                  | Chrysene                   | 1700   |           | 89.3   | 150 | 190        | ug/Kg     |
| 117-81-7                  | Bis(2-ethylhexyl)phthalate | 1800   |           | 100    | 150 | 190        | ug/Kg     |
| 117-84-0                  | Di-n-octyl phthalate       | 1900   |           | 120    | 300 | 370        | ug/Kg     |
| 205-99-2                  | Benzo(b)fluoranthene       | 1800   |           | 91.1   | 150 | 190        | ug/Kg     |
| 207-08-9                  | Benzo(k)fluoranthene       | 1800   |           | 92.8   | 150 | 190        | ug/Kg     |
| 50-32-8                   | Benzo(a)pyrene             | 1800   |           | 100    | 150 | 190        | ug/Kg     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene     | 1800   |           | 87.8   | 150 | 190        | ug/Kg     |
| 53-70-3                   | Dibenzo(a,h)anthracene     | 1800   |           | 91.3   | 150 | 190        | ug/Kg     |
| 191-24-2                  | Benzo(g,h,i)perylene       | 1700   |           | 90     | 150 | 190        | ug/Kg     |
| 95-94-3                   | 1,2,4,5-Tetrachlorobenzene | 1700   |           | 97.6   | 150 | 190        | ug/Kg     |
| 123-91-1                  | 1,4-Dioxane                | 1400   |           | 120    | 150 | 190        | ug/Kg     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol  | 1700   |           | 84     | 150 | 190        | ug/Kg     |
| 90-12-0                   | 1-Methylnaphthalene        | 1600   |           | 93.5   | 190 | 190        | ug/Kg     |
| <b>SURROGATES</b>         |                            |        |           |        |     |            |           |
| 367-12-4                  | 2-Fluorophenol             | 89.701 |           | 18-112 |     | 60         | SPK: -150 |
| 13127-88-3                | Phenol-d6                  | 88.022 |           | 15-107 |     | 59         | SPK: -150 |
| 4165-60-0                 | Nitrobenzene-d5            | 55.182 |           | 18-107 |     | 55         | SPK: -100 |
| 321-60-8                  | 2-Fluorobiphenyl           | 52.598 |           | 20-109 |     | 53         | SPK: -100 |
| 118-79-6                  | 2,4,6-Tribromophenol       | 91.305 |           | 10-110 |     | 61         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14              | 55.388 |           | 14-112 |     | 55         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                            |        |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4     | 95814  | 8.324     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8             | 452139 | 11.167    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10           | 301388 | 14.951    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10           | 622448 | 17.695    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12               | 546179 | 22.019    |        |     |            |           |
| 1520-96-3                 | Perylene-d12               | 624944 | 25.574    |        |     |            |           |



Report of Analysis

|                    |             |                 |                       |
|--------------------|-------------|-----------------|-----------------------|
| Client:            |             | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |             | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | COMP-2MSD   | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1764-11MSD | Matrix:         | Solid                 |
| Analytical Method: | 8270E       | % Moisture:     | 11.2                  |
| Sample Wt/Vol:     | 30.06       | Units:          | g                     |
| Soil Aliquot Vol:  |             | Final Vol:      | 1000 uL               |
|                    |             | Test:           |                       |
| Extraction Type :  |             | Decanted :      | Level : LOW           |
| Injection Volume : |             | GPC Factor :    | GPC Cleanup : PH :    |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG060673.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | NB-07-031424DL | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1767-01DL     | Matrix:         | Solid                 |
| Analytical Method: | 8270E          | % Moisture:     | 10.4                  |
| Sample Wt/Vol:     | 50.08 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 |
| BG060674.D        | 5         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 290   | U         | 290 | 900 | 1100       | ug/Kg |
| 110-86-1       | Pyridine                    | 270   | U         | 270 | 430 | 570        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 610   | U         | 610 | 900 | 1100       | ug/Kg |
| 62-53-3        | Aniline                     | 320   | U         | 320 | 430 | 570        | ug/Kg |
| 108-95-2       | Phenol                      | 280   | U         | 280 | 430 | 570        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 280   | U         | 280 | 430 | 570        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 280   | U         | 280 | 430 | 570        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 280   | U         | 280 | 430 | 570        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 290   | U         | 290 | 430 | 570        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 290   | U         | 290 | 430 | 570        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 280   | U         | 280 | 900 | 1100       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 270   | U         | 270 | 430 | 570        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 300   | U         | 300 | 430 | 570        | ug/Kg |
| 98-86-2        | Acetophenone                | 290   | U         | 290 | 430 | 570        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 270   | U         | 270 | 900 | 1100       | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 130   | U         | 130 | 270 | 270        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 280   | U         | 280 | 430 | 570        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 300   | U         | 300 | 430 | 570        | ug/Kg |
| 78-59-1        | Isophorone                  | 280   | U         | 280 | 430 | 570        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 320   | U         | 320 | 430 | 570        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 310   | U         | 310 | 430 | 570        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 290   | U         | 290 | 430 | 570        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 250   | U         | 250 | 430 | 570        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 290   | U         | 290 | 430 | 570        | ug/Kg |
| 65-85-0        | Benzoic acid                | 790   | U         | 790 | 900 | 1100       | ug/Kg |
| 91-20-3        | Naphthalene                 | 280   | U         | 280 | 430 | 570        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 280   | U         | 280 | 430 | 570        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 280   | U         | 280 | 430 | 570        | ug/Kg |
| 105-60-2       | Caprolactam                 | 290   | U         | 290 | 900 | 1100       | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 260   | U         | 260 | 430 | 570        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 280   | U         | 280 | 430 | 570        | ug/Kg |



## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | NB-07-031424DL | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1767-01DL     | Matrix:         | Solid                 |
| Analytical Method: | 8270E          | % Moisture:     | 10.4                  |
| Sample Wt/Vol:     | 50.08 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 |
| BG060674.D        | 5         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|------|-----|------------|-------|
| 77-47-4    | Hexachlorocyclopentadiene                       | 520   | U         | 520  | 900 | 1100       | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 240   | U         | 240  | 430 | 570        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 250   | U         | 250  | 430 | 570        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 290   | U         | 290  | 430 | 570        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 280   | U         | 280  | 430 | 570        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 320   | U         | 320  | 430 | 570        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 270   | U         | 270  | 430 | 570        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 290   | U         | 290  | 430 | 570        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 280   | U         | 280  | 430 | 570        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 300   | U         | 300  | 430 | 570        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 270   | U         | 270  | 430 | 570        | ug/Kg |
| Total PAH  | Total PAH                                       | 4440  | U         | 4440 | 430 | 9120       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 810   | U         | 810  | 900 | 1100       | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 390   | U         | 390  | 900 | 1100       | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 280   | U         | 280  | 430 | 570        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 570   | U         | 570  | 430 | 1140       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 290   | U         | 290  | 430 | 570        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 270   | U         | 270  | 430 | 570        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 290   | U         | 290  | 430 | 570        | ug/Kg |
| 86-73-7    | Fluorene                                        | 290   | U         | 290  | 430 | 570        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 360   | U         | 360  | 430 | 570        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 390   | U         | 390  | 900 | 1100       | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 270   | U         | 270  | 430 | 570        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 270   | U         | 270  | 430 | 570        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 260   | U         | 260  | 430 | 570        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 280   | U         | 280  | 430 | 570        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 310   | U         | 310  | 430 | 570        | ug/Kg |
| 87-86-5    | Pentachlorophenol                               | 260   | U         | 260  | 900 | 1100       | ug/Kg |
| 85-01-8    | Phenanthrene                                    | 280   | U         | 280  | 430 | 570        | ug/Kg |
| 120-12-7   | Anthracene                                      | 280   | U         | 280  | 430 | 570        | ug/Kg |
| 86-74-8    | Carbazole                                       | 270   | U         | 270  | 430 | 570        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate                             | 280   | U         | 280  | 430 | 570        | ug/Kg |
| 206-44-0   | Fluoranthene                                    | 270   | U         | 270  | 430 | 570        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | NB-07-031424DL         | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1767-01DL             | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 10.4                  |
| Sample Wt/Vol:     | 50.08      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 |
| BG060674.D        | 5         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number                | Parameter                  | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|----------------------------|--------|-----------|--------|-----|------------|-----------|
| 92-87-5                   | Benidine                   | 540    | U         | 540    | 900 | 1100       | ug/Kg     |
| 129-00-0                  | Pyrene                     | 280    | U         | 280    | 430 | 570        | ug/Kg     |
| 85-68-7                   | Butylbenzylphthalate       | 320    | U         | 320    | 430 | 570        | ug/Kg     |
| 91-94-1                   | 3,3-Dichlorobenzidine      | 330    | U         | 330    | 900 | 1100       | ug/Kg     |
| 56-55-3                   | Benzo(a)anthracene         | 270    | U         | 270    | 430 | 570        | ug/Kg     |
| 218-01-9                  | Chrysene                   | 270    | U         | 270    | 430 | 570        | ug/Kg     |
| 117-81-7                  | Bis(2-ethylhexyl)phthalate | 300    | U         | 300    | 430 | 570        | ug/Kg     |
| 117-84-0                  | Di-n-octyl phthalate       | 370    | U         | 370    | 900 | 1100       | ug/Kg     |
| 205-99-2                  | Benzo(b)fluoranthene       | 270    | U         | 270    | 430 | 570        | ug/Kg     |
| 207-08-9                  | Benzo(k)fluoranthene       | 280    | U         | 280    | 430 | 570        | ug/Kg     |
| 50-32-8                   | Benzo(a)pyrene             | 310    | U         | 310    | 430 | 570        | ug/Kg     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene     | 260    | U         | 260    | 430 | 570        | ug/Kg     |
| 53-70-3                   | Dibenzo(a,h)anthracene     | 270    | U         | 270    | 430 | 570        | ug/Kg     |
| 191-24-2                  | Benzo(g,h,i)perylene       | 270    | U         | 270    | 430 | 570        | ug/Kg     |
| 95-94-3                   | 1,2,4,5-Tetrachlorobenzene | 290    | U         | 290    | 430 | 570        | ug/Kg     |
| 123-91-1                  | 1,4-Dioxane                | 370    | U         | 370    | 430 | 570        | ug/Kg     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol  | 250    | U         | 250    | 430 | 570        | ug/Kg     |
| 90-12-0                   | 1-Methylnaphthalene        | 280    | U         | 280    | 570 | 570        | ug/Kg     |
| <b>SURROGATES</b>         |                            |        |           |        |     |            |           |
| 367-12-4                  | 2-Fluorophenol             | 89.805 |           | 18-112 |     | 60         | SPK: -150 |
| 13127-88-3                | Phenol-d6                  | 91.245 |           | 15-107 |     | 61         | SPK: -150 |
| 4165-60-0                 | Nitrobenzene-d5            | 58.285 |           | 18-107 |     | 58         | SPK: -100 |
| 321-60-8                  | 2-Fluorobiphenyl           | 56.395 |           | 20-109 |     | 56         | SPK: -100 |
| 118-79-6                  | 2,4,6-Tribromophenol       | 86.13  |           | 10-110 |     | 57         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14              | 59.09  |           | 14-112 |     | 59         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                            |        |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4     | 115434 | 8.322     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8             | 518463 | 11.166    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10           | 319554 | 14.95     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10           | 626378 | 17.694    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12               | 579556 | 22.012    |        |     |            |           |
| 1520-96-3                 | Perylene-d12               | 679991 | 25.567    |        |     |            |           |



Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | NB-07-031424DL | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1767-01DL     | Matrix:         | Solid                 |
| Analytical Method: | 8270E          | % Moisture:     | 10.4                  |
| Sample Wt/Vol:     | 50.08          | Units:          | g                     |
| Soil Aliquot Vol:  |                | Final Vol:      | 1000 uL               |
|                    |                | Test:           |                       |
| Extraction Type :  |                | Decanted :      | Level : LOW           |
| Injection Volume : |                | GPC Factor :    | GPC Cleanup : PH :    |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG060674.D        | 5         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | NB-07-031424 | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1767-01     | Matrix:         | Solid                 |
| Analytical Method: | 8270E        | % Moisture:     | 10.4                  |
| Sample Wt/Vol:     | 50.08        | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL               |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Cleanup :   | PH :                  |
|                    | GPC Factor : |                 |                       |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG060675.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 58    | U         | 58   | 180  | 220        | ug/Kg |
| 110-86-1       | Pyridine                    | 53.4  | U         | 53.4 | 86.9 | 110        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 120   | U         | 120  | 180  | 220        | ug/Kg |
| 62-53-3        | Aniline                     | 64.8  | U         | 64.8 | 86.9 | 110        | ug/Kg |
| 108-95-2       | Phenol                      | 55.4  | U         | 55.4 | 86.9 | 110        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 56    | U         | 56   | 86.9 | 110        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 55.8  | U         | 55.8 | 86.9 | 110        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 56.6  | U         | 56.6 | 86.9 | 110        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 57.5  | U         | 57.5 | 86.9 | 110        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 57.8  | U         | 57.8 | 86.9 | 110        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 55.5  | U         | 55.5 | 180  | 220        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 53.9  | U         | 53.9 | 86.9 | 110        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 60.8  | U         | 60.8 | 86.9 | 110        | ug/Kg |
| 98-86-2        | Acetophenone                | 58.1  | U         | 58.1 | 86.9 | 110        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 53.4  | U         | 53.4 | 180  | 220        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 26.9  | U         | 26.9 | 53.5 | 53.5       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 55.5  | U         | 55.5 | 86.9 | 110        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 60.7  | U         | 60.7 | 86.9 | 110        | ug/Kg |
| 78-59-1        | Isophorone                  | 56.6  | U         | 56.6 | 86.9 | 110        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 63.2  | U         | 63.2 | 86.9 | 110        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 62.3  | U         | 62.3 | 86.9 | 110        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 57.4  | U         | 57.4 | 86.9 | 110        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 50.5  | U         | 50.5 | 86.9 | 110        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 57.1  | U         | 57.1 | 86.9 | 110        | ug/Kg |
| 65-85-0        | Benzoic acid                | 160   | U         | 160  | 180  | 220        | ug/Kg |
| 91-20-3        | Naphthalene                 | 55.2  | U         | 55.2 | 86.9 | 110        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 55.2  | U         | 55.2 | 86.9 | 110        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 55.7  | U         | 55.7 | 86.9 | 110        | ug/Kg |
| 105-60-2       | Caprolactam                 | 58    | U         | 58   | 180  | 220        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 51.8  | U         | 51.8 | 86.9 | 110        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 55.2  | U         | 55.2 | 86.9 | 110        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | NB-07-031424 | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1767-01     | Matrix:         | Solid                 |
| Analytical Method: | 8270E        | % Moisture:     | 10.4                  |
| Sample Wt/Vol:     | 50.08        | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL               |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Cleanup :   | PH :                  |
|                    | GPC Factor : |                 |                       |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG060675.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number | Parameter                                       | Conc.  | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|------------|-------------------------------------------------|--------|-----------|-------|------|------------|-------|
| 77-47-4    | Hexachlorocyclopentadiene                       | 100    | U         | 100   | 180  | 220        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 47.7   | U         | 47.7  | 86.9 | 110        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 49.5   | U         | 49.5  | 86.9 | 110        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 58.4   | U         | 58.4  | 86.9 | 110        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 55.7   | U         | 55.7  | 86.9 | 110        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 63.5   | U         | 63.5  | 86.9 | 110        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 54.6   | U         | 54.6  | 86.9 | 110        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 57.8   | U         | 57.8  | 86.9 | 110        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 55.6   | U         | 55.6  | 86.9 | 110        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 59.6   | U         | 59.6  | 86.9 | 110        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 54.2   | U         | 54.2  | 86.9 | 110        | ug/Kg |
| Total PAH  | Total PAH                                       | 1245.2 | U         | 886   | 86.9 | 1760       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 160    | U         | 160   | 180  | 220        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 77.6   | U         | 77.6  | 180  | 220        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 56.4   | U         | 56.4  | 86.9 | 110        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 57.6   | U         | 57.6  | 86.9 | 110        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 13.2   | U         | 113.2 | 86.9 | 220        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 53.6   | U         | 53.6  | 86.9 | 110        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 57.2   | U         | 57.2  | 86.9 | 110        | ug/Kg |
| 86-73-7    | Fluorene                                        | 57.2   | U         | 57.2  | 86.9 | 110        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 71.5   | U         | 71.5  | 86.9 | 110        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 78.2   | U         | 78.2  | 180  | 220        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 54.6   | U         | 54.6  | 86.9 | 110        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 53.2   | U         | 53.2  | 86.9 | 110        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 52.8   | U         | 52.8  | 86.9 | 110        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 56.8   | U         | 56.8  | 86.9 | 110        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 61.1   | U         | 61.1  | 86.9 | 110        | ug/Kg |
| 87-86-5    | Pentachlorophenol                               | 51.7   | U         | 51.7  | 180  | 220        | ug/Kg |
| 85-01-8    | Phenanthrene                                    | 66     | J         | 56.2  | 86.9 | 110        | ug/Kg |
| 120-12-7   | Anthracene                                      | 56.4   | U         | 56.4  | 86.9 | 110        | ug/Kg |
| 86-74-8    | Carbazole                                       | 53.7   | U         | 53.7  | 86.9 | 110        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate                             | 56.4   | U         | 56.4  | 86.9 | 110        | ug/Kg |
| 206-44-0   | Fluoranthene                                    | 160    |           | 54.6  | 86.9 | 110        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | NB-07-031424 | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1767-01     | Matrix:         | Solid                 |
| Analytical Method: | 8270E        | % Moisture:     | 10.4                  |
| Sample Wt/Vol:     | 50.08        | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL               |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Cleanup :   | PH :                  |
|                    | GPC Factor : |                 |                       |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG060675.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number                | Parameter                  | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units     |
|---------------------------|----------------------------|--------|-----------|--------|------|------------|-----------|
| 92-87-5                   | Benidine                   | 110    | U         | 110    | 180  | 220        | ug/Kg     |
| 129-00-0                  | Pyrene                     | 160    |           | 55.5   | 86.9 | 110        | ug/Kg     |
| 85-68-7                   | Butylbenzylphthalate       | 64.7   | U         | 64.7   | 86.9 | 110        | ug/Kg     |
| 91-94-1                   | 3,3-Dichlorobenzidine      | 65.9   | U         | 65.9   | 180  | 220        | ug/Kg     |
| 56-55-3                   | Benzo(a)anthracene         | 94.6   | J         | 54     | 86.9 | 110        | ug/Kg     |
| 218-01-9                  | Chrysene                   | 110    |           | 53.2   | 86.9 | 110        | ug/Kg     |
| 117-81-7                  | Bis(2-ethylhexyl)phthalate | 60.8   | U         | 60.8   | 86.9 | 110        | ug/Kg     |
| 117-84-0                  | Di-n-octyl phthalate       | 73.5   | U         | 73.5   | 180  | 220        | ug/Kg     |
| 205-99-2                  | Benzo(b)fluoranthene       | 210    |           | 54.2   | 86.9 | 110        | ug/Kg     |
| 207-08-9                  | Benzo(k)fluoranthene       | 64.6   | J         | 55.2   | 86.9 | 110        | ug/Kg     |
| 50-32-8                   | Benzo(a)pyrene             | 150    |           | 62.2   | 86.9 | 110        | ug/Kg     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene     | 100    | J         | 52.2   | 86.9 | 110        | ug/Kg     |
| 53-70-3                   | Dibenzo(a,h)anthracene     | 54.3   | U         | 54.3   | 86.9 | 110        | ug/Kg     |
| 191-24-2                  | Benzo(g,h,i)perylene       | 130    |           | 53.6   | 86.9 | 110        | ug/Kg     |
| 95-94-3                   | 1,2,4,5-Tetrachlorobenzene | 58     | U         | 58     | 86.9 | 110        | ug/Kg     |
| 123-91-1                  | 1,4-Dioxane                | 73.5   | U         | 73.5   | 86.9 | 110        | ug/Kg     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol  | 49.9   | U         | 49.9   | 86.9 | 110        | ug/Kg     |
| 90-12-0                   | 1-Methylnaphthalene        | 55.6   | U         | 55.6   | 110  | 110        | ug/Kg     |
| <b>SURROGATES</b>         |                            |        |           |        |      |            |           |
| 367-12-4                  | 2-Fluorophenol             | 86.296 |           | 18-112 |      | 58         | SPK: -150 |
| 13127-88-3                | Phenol-d6                  | 81.568 |           | 15-107 |      | 54         | SPK: -150 |
| 4165-60-0                 | Nitrobenzene-d5            | 54.881 |           | 18-107 |      | 55         | SPK: -100 |
| 321-60-8                  | 2-Fluorobiphenyl           | 51.305 |           | 20-109 |      | 51         | SPK: -100 |
| 118-79-6                  | 2,4,6-Tribromophenol       | 83.293 |           | 10-110 |      | 56         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14              | 49.989 |           | 14-112 |      | 50         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                            |        |           |        |      |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4     | 120569 | 8.323     |        |      |            |           |
| 1146-65-2                 | Naphthalene-d8             | 530293 | 11.166    |        |      |            |           |
| 15067-26-2                | Acenaphthene-d10           | 314732 | 14.95     |        |      |            |           |
| 1517-22-2                 | Phenanthrene-d10           | 605220 | 17.694    |        |      |            |           |
| 1719-03-5                 | Chrysene-d12               | 572659 | 22.013    |        |      |            |           |
| 1520-96-3                 | Perylene-d12               | 700526 | 25.573    |        |      |            |           |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 3/14/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 3/14/2024 12:00:00 AM |
| Client Sample ID:  | NB-07-031424           | SDG No.:        | BG031524              |
| Lab Sample ID:     | P1767-01               | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 10.4                  |
| Sample Wt/Vol:     | 50.08      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 |
| BG060675.D        | 1         | 3/15/2024 12:00:00 AM | 3/15/2024 12:00:00 AM | PB159608      |

| CAS Number                            | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |       |           |     |     |            |       |
| 000112-40-3                           | Dodecane                           | 250   | J         |     |     | 11.043     |       |
| 1000164-42-6                          | unknown11.801                      | 230   | J         |     |     | 11.801     |       |
| 002809-64-5                           | Naphthalene, 1,2,3,4-tetrahydro-5- | 220   | J         |     |     | 12.324     |       |
| 000629-50-5                           | Tridecane                          | 480   | J         |     |     | 12.477     |       |
| 004175-54-6                           | Naphthalene, 1,2,3,4-tetrahydro-1, | 270   | J         |     |     | 13.023     |       |
| 017302-23-7                           | unknown13.276                      | 210   | J         |     |     | 13.276     |       |
| 074645-98-0                           | Dodecane, 2,7,10-trimethyl-        | 200   | J         |     |     | 13.411     |       |
| 000544-76-3                           | Hexadecane                         | 630   | J         |     |     | 13.699     |       |
| 017312-77-5                           | Undecane, 2,3-dimethyl-            | 240   | J         |     |     | 14.339     |       |
| 000629-59-4                           | Tetradecane                        | 740   | J         |     |     | 14.762     |       |
| 007045-71-8                           | Undecane, 2-methyl-                | 790   | J         |     |     | 15.708     |       |
| 000629-94-7                           | Heneicosane                        | 390   | J         |     |     | 16.108     |       |
| 000629-78-7                           | Heptadecane                        | 1200  | J         |     |     | 16.572     |       |
| 000593-45-3                           | Octadecane                         | 670   | J         |     |     | 17.365     |       |
| 013287-24-6                           | Nonadecane, 9-methyl-              | 270   | J         |     |     | 17.406     |       |
| 055045-08-4                           | Dodecane, 2-methyl-6-propyl-       | 600   | J         |     |     | 18.105     |       |
| 000057-10-3                           | n-Hexadecanoic acid                | 280   | J         |     |     | 18.517     |       |
| 000646-31-1                           | Tetracosane                        | 480   | J         |     |     | 18.793     |       |
| 001560-78-7                           | 2-Methyltetracosane                | 610   | J         |     |     | 19.422     |       |
| 000593-49-7                           | Heptacosane                        | 260   | J         |     |     | 19.985     |       |

## Hit Summary Sheet

SW-846

SDG No.: BG031524

Client:

| Sample ID                       | Client ID    | Matrix | Parameter                          | Concentration | C         | MDL             | RDL | Units |
|---------------------------------|--------------|--------|------------------------------------|---------------|-----------|-----------------|-----|-------|
| <b>Client ID : COMP-1</b>       |              |        |                                    |               |           |                 |     |       |
| P1764-10                        | COMP-1       | Solid  | Heptadecyl heptafluorobutyrate     | *             | 140.000   | J               |     |       |
| P1764-10                        | COMP-1       | Solid  | n-Hexadecanoic acid                | *             | 160.000   | J               |     |       |
| <b>Total Tics :</b>             |              |        |                                    |               |           | <b>300.00</b>   |     |       |
| <b>Total Concentration:</b>     |              |        |                                    |               |           | <b>300.00</b>   |     |       |
| <b>Client ID : COMP-2</b>       |              |        |                                    |               |           |                 |     |       |
| P1764-11                        | COMP-2       | Solid  | Carbonic acid, heptadecyl isobuty  | *             | 150.000   | J               |     |       |
| P1764-11                        | COMP-2       | Solid  | n-Hexadecanoic acid                | *             | 170.000   | J               |     |       |
| <b>Total Tics :</b>             |              |        |                                    |               |           | <b>320.00</b>   |     |       |
| <b>Total Concentration:</b>     |              |        |                                    |               |           | <b>320.00</b>   |     |       |
| <b>Client ID : NB-07-031424</b> |              |        |                                    |               |           |                 |     |       |
| P1767-01                        | NB-07-031424 | Solid  | 2-Methyltetracosane                | *             | 610.000   | J               |     |       |
| P1767-01                        | NB-07-031424 | Solid  | Dodecane                           | *             | 250.000   | J               |     |       |
| P1767-01                        | NB-07-031424 | Solid  | Dodecane, 2,7,10-trimethyl-        | *             | 200.000   | J               |     |       |
| P1767-01                        | NB-07-031424 | Solid  | Dodecane, 2-methyl-6-propyl-       | *             | 600.000   | J               |     |       |
| P1767-01                        | NB-07-031424 | Solid  | Heneicosane                        | *             | 390.000   | J               |     |       |
| P1767-01                        | NB-07-031424 | Solid  | Heptacosane                        | *             | 260.000   | J               |     |       |
| P1767-01                        | NB-07-031424 | Solid  | Heptadecane                        | *             | 1,200.000 | J               |     |       |
| P1767-01                        | NB-07-031424 | Solid  | Hexadecane                         | *             | 630.000   | J               |     |       |
| P1767-01                        | NB-07-031424 | Solid  | n-Hexadecanoic acid                | *             | 280.000   | J               |     |       |
| P1767-01                        | NB-07-031424 | Solid  | Naphthalene, 1,2,3,4-tetrahydro-1. | *             | 270.000   | J               |     |       |
| P1767-01                        | NB-07-031424 | Solid  | Naphthalene, 1,2,3,4-tetrahydro-5. | *             | 220.000   | J               |     |       |
| P1767-01                        | NB-07-031424 | Solid  | Nonadecane, 9-methyl-              | *             | 270.000   | J               |     |       |
| P1767-01                        | NB-07-031424 | Solid  | Octadecane                         | *             | 670.000   | J               |     |       |
| P1767-01                        | NB-07-031424 | Solid  | Tetracosane                        | *             | 480.000   | J               |     |       |
| P1767-01                        | NB-07-031424 | Solid  | Tetradecane                        | *             | 740.000   | J               |     |       |
| P1767-01                        | NB-07-031424 | Solid  | Tridecane                          | *             | 480.000   | J               |     |       |
| P1767-01                        | NB-07-031424 | Solid  | Undecane, 2,3-dimethyl-            | *             | 240.000   | J               |     |       |
| P1767-01                        | NB-07-031424 | Solid  | Undecane, 2-methyl-                | *             | 790.000   | J               |     |       |
| P1767-01                        | NB-07-031424 | Solid  | unknown11.801                      | *             | 230.000   | J               |     |       |
| P1767-01                        | NB-07-031424 | Solid  | unknown13.276                      | *             | 210.000   | J               |     |       |
| <b>Total Tics :</b>             |              |        |                                    |               |           | <b>9,020.00</b> |     |       |
| P1767-01                        | NB-07-031424 | Solid  | Benzo(a)anthracene                 |               | 94.600    | J 54            | 110 | ug/Kg |
| P1767-01                        | NB-07-031424 | Solid  | Benzo(a)pyrene                     |               | 150.000   | 62.2            | 110 | ug/Kg |
| P1767-01                        | NB-07-031424 | Solid  | Benzo(b)fluoranthene               |               | 210.000   | 54.2            | 110 | ug/Kg |
| P1767-01                        | NB-07-031424 | Solid  | Benzo(g,h,i)perylene               |               | 130.000   | 53.6            | 110 | ug/Kg |
| P1767-01                        | NB-07-031424 | Solid  | Benzo(k)fluoranthene               |               | 64.600    | J 55.2          | 110 | ug/Kg |
| P1767-01                        | NB-07-031424 | Solid  | Chrysene                           |               | 110.000   | 53.2            | 110 | ug/Kg |
| P1767-01                        | NB-07-031424 | Solid  | Fluoranthene                       |               | 160.000   | 54.6            | 110 | ug/Kg |



## Hit Summary Sheet SW-846

SDG No.: BG031524

Client:

| Sample ID            | Client ID    | Matrix | Parameter              | Concentration | C | MDL  | RDL | Units |
|----------------------|--------------|--------|------------------------|---------------|---|------|-----|-------|
| P1767-01             | NB-07-031424 | Solid  | Indeno(1,2,3-cd)pyrene | 100.000       | J | 52.2 | 110 | ug/Kg |
| P1767-01             | NB-07-031424 | Solid  | Phenanthrene           | 66.000        | J | 56.2 | 110 | ug/Kg |
| P1767-01             | NB-07-031424 | Solid  | Pyrene                 | 160.000       |   | 55.5 | 110 | ug/Kg |
| Total Svoc :         |              |        |                        | 1,245.20      |   |      |     |       |
| Total Concentration: |              |        |                        | 10,265.20     |   |      |     |       |

Client ID : MW-2

|          |      |       |                                   |   |         |   |  |  |
|----------|------|-------|-----------------------------------|---|---------|---|--|--|
| P1769-01 | MW-2 | Water | 2,4,6-Cycloheptatrien-1-one       | * | 80.000  | J |  |  |
| P1769-01 | MW-2 | Water | 2-Isopropenyl-2,3-dihydrofuro[3,2 | * | 25.700  | J |  |  |
| P1769-01 | MW-2 | Water | 2-Phenoxy-1-phenylethanol         | * | 97.700  | J |  |  |
| P1769-01 | MW-2 | Water | Benzenamine, 4-(2,5-dimethyl-1H   | * | 120.000 | J |  |  |
| P1769-01 | MW-2 | Water | Benzenepropanoic acid, 3,5-bis(1, | * | 230.000 | J |  |  |
| P1769-01 | MW-2 | Water | Ethanone, 1-(2,4,6-trimethylpheny | * | 90.400  | J |  |  |
| P1769-01 | MW-2 | Water | Hexanoic acid, 2-ethyl-           | * | 32.800  | J |  |  |
| P1769-01 | MW-2 | Water | p-Hydroxybiphenyl                 | * | 44.600  | J |  |  |
| P1769-01 | MW-2 | Water | Phenol, 2,2-methylenebis-         | * | 60.700  | J |  |  |
| P1769-01 | MW-2 | Water | Phenol, 2-(1,1-dimethylethyl)-    | * | 43.200  | J |  |  |
| P1769-01 | MW-2 | Water | Phenol, 2-[(4-hydroxyphenyl)metl  | * | 260.000 | J |  |  |
| P1769-01 | MW-2 | Water | Phenol, 4,4-(1-methylethylidene)b | * | 100.000 | J |  |  |
| P1769-01 | MW-2 | Water | Phenol, 4,4-methylenebis-         | * | 220.000 | J |  |  |
| P1769-01 | MW-2 | Water | Phenol, 4-ethyl-                  | * | 52.700  | J |  |  |
| P1769-01 | MW-2 | Water | Phenol, m-tert-butyl-             | * | 470.000 | J |  |  |
| P1769-01 | MW-2 | Water | unknown20.544                     | * | 26.200  | J |  |  |

Total Tics : 1,954.00

|          |      |       |                            |  |           |   |      |    |      |
|----------|------|-------|----------------------------|--|-----------|---|------|----|------|
| P1769-01 | MW-2 | Water | 1,1-Biphenyl               |  | 19.700    |   | 0.91 | 5  | ug/L |
| P1769-01 | MW-2 | Water | 1,2-Dichlorobenzene        |  | 5.500     |   | 0.88 | 5  | ug/L |
| P1769-01 | MW-2 | Water | 1,4-Dichlorobenzene        |  | 17.000    |   | 0.84 | 5  | ug/L |
| P1769-01 | MW-2 | Water | 2,4-Dimethylphenol         |  | 640.000   | E | 1.5  | 5  | ug/L |
| P1769-01 | MW-2 | Water | 2-Chlorophenol             |  | 2.300     | J | 0.71 | 5  | ug/L |
| P1769-01 | MW-2 | Water | 2-Methylphenol             |  | 1,300.000 | E | 1.1  | 5  | ug/L |
| P1769-01 | MW-2 | Water | 3+4-Methylphenols          |  | 960.000   | E | 1.2  | 10 | ug/L |
| P1769-01 | MW-2 | Water | Benzoic acid               |  | 33.400    |   | 5.5  | 10 | ug/L |
| P1769-01 | MW-2 | Water | Bis(2-ethylhexyl)phthalate |  | 3.500     | J | 1.9  | 5  | ug/L |
| P1769-01 | MW-2 | Water | Di-n-butylphthalate        |  | 5.300     |   | 1.5  | 5  | ug/L |
| P1769-01 | MW-2 | Water | Naphthalene                |  | 5.700     |   | 1    | 5  | ug/L |
| P1769-01 | MW-2 | Water | Phenol                     |  | 2,200.000 | E | 0.93 | 5  | ug/L |

Total Svoc : 5,192.40

Total Concentration: 7,146.40

Client ID : MW-1

|          |      |       |                             |   |        |   |  |  |
|----------|------|-------|-----------------------------|---|--------|---|--|--|
| P1769-02 | MW-1 | Water | 2,4,6-Cycloheptatrien-1-one | * | 35.400 | J |  |  |
| P1769-02 | MW-1 | Water | 2,4-Di-tert-butylphenol     | * | 26.100 | J |  |  |
| P1769-02 | MW-1 | Water | 2-Aminobiphenyl             | * | 4.300  | J |  |  |

## Hit Summary Sheet SW-846

SDG No.: BG031524

Client:

| Sample ID                     | Client ID  |       | Parameter                         | Concentration | C             | MDL | RDL  | Units   |
|-------------------------------|------------|-------|-----------------------------------|---------------|---------------|-----|------|---------|
| P1769-02                      | MW-1       | Water | 4,4-Ethylidenediphenol            | *             | 18.100        | J   |      |         |
| P1769-02                      | MW-1       | Water | Benzene, 1,3-dimethyl-            | *             | 15.800        | J   |      |         |
| P1769-02                      | MW-1       | Water | Benzoic acid, 5-(1,1-dimethylethy | *             | 6.000         | J   |      |         |
| P1769-02                      | MW-1       | Water | Diphenyl ether                    | *             | 12.200        | J   |      |         |
| P1769-02                      | MW-1       | Water | Ethanol, 1-(2-butoxyethoxy)-      | *             | 8.100         | J   |      |         |
| P1769-02                      | MW-1       | Water | Ethanone, 1-(2,4,5-trimethylpheny | *             | 47.500        | J   |      |         |
| P1769-02                      | MW-1       | Water | formamide, N-[4-[(4-methoxyphe    | *             | 4.200         | J   |      |         |
| P1769-02                      | MW-1       | Water | hydrazine, 1-(4-methoxyphenyl)-1  | *             | 5.500         | J   |      |         |
| P1769-02                      | MW-1       | Water | Phenol, 2-(1,1-dimethylethyl)-    | *             | 15.400        | J   |      |         |
| P1769-02                      | MW-1       | Water | Phenol, 4,4-(1-methylethylidene)t | *             | 11.800        | J   |      |         |
| P1769-02                      | MW-1       | Water | Phenol, 4-(1,1-dimethylethyl)-2-n | *             | 4.000         | J   |      |         |
| P1769-02                      | MW-1       | Water | Phenol, 4-(1,1-dimethylpropyl)-   | *             | 15.100        | J   |      |         |
| P1769-02                      | MW-1       | Water | Phenol, p-tert-butyl-             | *             | 640.000       | J   |      |         |
| P1769-02                      | MW-1       | Water | s-Indacene, 1,2,3,5,6,7-hexahydro | *             | 13.500        | J   |      |         |
| <b>Total Tics :</b>           |            |       |                                   |               | <b>883.00</b> |     |      |         |
| P1769-02                      | MW-1       | Water | 3+4-Methylphenols                 |               | 8.100         | J   | 1.2  | 10 ug/L |
| P1769-02                      | MW-1       | Water | Phenol                            |               | 2.300         | J   | 0.93 | 5 ug/L  |
| <b>Total Svoc :</b>           |            |       |                                   |               | <b>10.40</b>  |     |      |         |
| <b>Total Concentration:</b>   |            |       |                                   |               | <b>893.40</b> |     |      |         |
| <b>Client ID : FB-3-14-24</b> |            |       |                                   |               |               |     |      |         |
| P1769-03                      | FB-3-14-24 | Water | 9-Octadecenoic acid               | *             | 2.400         | J   |      |         |
| P1769-03                      | FB-3-14-24 | Water | Diacetamide                       | *             | 2.600         | J   |      |         |
| <b>Total Tics :</b>           |            |       |                                   |               | <b>5.00</b>   |     |      |         |
| <b>Total Concentration:</b>   |            |       |                                   |               | <b>5.00</b>   |     |      |         |
| <b>Client ID : COMP-2</b>     |            |       |                                   |               |               |     |      |         |
| P1771-03                      | COMP-2     | Solid | (S)-(+)-1,2-Propanediol           | *             | 5,600.000     | J   |      |         |
| P1771-03                      | COMP-2     | Solid | .gamma.-Sitosterol                | *             | 1,300.000     | J   |      |         |
| P1771-03                      | COMP-2     | Solid | 1,1-Biphenyl, 2,3-dimethyl-       | *             | 760.000       | J   |      |         |
| P1771-03                      | COMP-2     | Solid | 2,2-Dimethylbiphenyl              | *             | 1,100.000     | J   |      |         |
| P1771-03                      | COMP-2     | Solid | 2-Propanol, 1-(2-butoxy-1-methyl  | *             | 15,600.000    | J   |      |         |
| P1771-03                      | COMP-2     | Solid | 2-Propanol, 1-[1-methyl-2-(2-prop | *             | 14,400.000    | J   |      |         |
| P1771-03                      | COMP-2     | Solid | Cyclohexane, 1,2,4-trimethyl-     | *             | 730.000       | J   |      |         |
| P1771-03                      | COMP-2     | Solid | Diethyl carbitol                  | *             | 940.000       | J   |      |         |
| P1771-03                      | COMP-2     | Solid | Docosane                          | *             | 2,200.000     | J   |      |         |
| P1771-03                      | COMP-2     | Solid | Heptadecane, 2,6,10,15-tetrameth  | *             | 4,000.000     | J   |      |         |
| P1771-03                      | COMP-2     | Solid | Heptadecane, 2-methyl-            | *             | 1,500.000     | J   |      |         |
| P1771-03                      | COMP-2     | Solid | Octacosane, 1-iodo-               | *             | 2,300.000     | J   |      |         |
| P1771-03                      | COMP-2     | Solid | Pentadecane, 2,6,10,14-tetramethy | *             | 4,500.000     | J   |      |         |
| P1771-03                      | COMP-2     | Solid | Tetradecane, 1-chloro-            | *             | 640.000       | J   |      |         |
| P1771-03                      | COMP-2     | Solid | unknown11.737                     | *             | 720.000       | J   |      |         |
| P1771-03                      | COMP-2     | Solid | unknown12.595                     | *             | 670.000       | J   |      |         |

## Hit Summary Sheet SW-846

SDG No.: BG031524

Client:

| Sample ID            | Client ID | Matrix | Parameter                        | Concentration | C         | MDL    | RDL | Units |
|----------------------|-----------|--------|----------------------------------|---------------|-----------|--------|-----|-------|
| P1771-03             | COMP-2    | Solid  | unknown14340                     | *             | 510.000   | J      |     |       |
| Total Tics :         |           |        |                                  |               | 57,470.00 |        |     |       |
| Total Concentration: |           |        |                                  |               | 57,470.00 |        |     |       |
| Client ID : MW-6A    |           |        |                                  |               |           |        |     |       |
| P1773-02             | MW-6A     | Water  | 1-Phenyl-1-butene                | *             | 15.000    | J      |     |       |
| P1773-02             | MW-6A     | Water  | 1H-Inden-1-one, 2,3-dihydro-     | *             | 10.200    | J      |     |       |
| P1773-02             | MW-6A     | Water  | 1H-Indene, 2,3-dihydro-4-methyl- | *             | 7.700     | J      |     |       |
| P1773-02             | MW-6A     | Water  | 1H-Indene-4-carboxaldehyde, 2,3- | *             | 5.600     | J      |     |       |
| P1773-02             | MW-6A     | Water  | Benzene, 1,2,3,5-tetramethyl-    | *             | 6.600     | J      |     |       |
| P1773-02             | MW-6A     | Water  | Benzene, 1,2,3-trimethyl-        | *             | 14.800    | J      |     |       |
| P1773-02             | MW-6A     | Water  | Benzene, 1,2,4,5-tetramethyl-    | *             | 9.500     | J      |     |       |
| P1773-02             | MW-6A     | Water  | Benzene, 1,2,4-trimethyl-        | *             | 42.800    | J      |     |       |
| P1773-02             | MW-6A     | Water  | Benzene, 1,2-diethyl-            | *             | 9.200     | J      |     |       |
| P1773-02             | MW-6A     | Water  | Benzene, 1,3-diethyl-            | *             | 9.400     | J      |     |       |
| P1773-02             | MW-6A     | Water  | Benzene, 1-ethyl-4-methyl-       | *             | 39.300    | J      |     |       |
| P1773-02             | MW-6A     | Water  | Benzene, 2-ethyl-1,4-dimethyl-   | *             | 9.600     | J      |     |       |
| P1773-02             | MW-6A     | Water  | Benzene, 4-ethyl-1,2-dimethyl-   | *             | 31.300    | J      |     |       |
| P1773-02             | MW-6A     | Water  | Benzenemethanol, .alpha.-methyl- | *             | 39.700    | J      |     |       |
| P1773-02             | MW-6A     | Water  | Indane                           | *             | 37.200    | J      |     |       |
| P1773-02             | MW-6A     | Water  | Mesitylene                       | *             | 73.400    | J      |     |       |
| P1773-02             | MW-6A     | Water  | o-Cymene                         | *             | 6.100     | J      |     |       |
| Total Tics :         |           |        |                                  |               | 367.40    |        |     |       |
| P1773-02             | MW-6A     | Water  | 1-Methylnaphthalene              |               | 4.900     | J 0.86 | 5   | ug/L  |
| P1773-02             | MW-6A     | Water  | 2-Methylnaphthalene              |               | 2.400     | J 1.1  | 5   | ug/L  |
| P1773-02             | MW-6A     | Water  | Acetophenone                     |               | 83.200    | J 1.1  | 5   | ug/L  |
| P1773-02             | MW-6A     | Water  | Naphthalene                      |               | 32.500    | J 1    | 5   | ug/L  |
| Total Svoc :         |           |        |                                  |               | 123.00    |        |     |       |
| Total Concentration: |           |        |                                  |               | 490.40    |        |     |       |
| Client ID : PMW-1    |           |        |                                  |               |           |        |     |       |
| P1773-03             | PMW-1     | Water  | Heptadecyl heptafluorobutyrate   | *             | 2.400     | J      |     |       |
| P1773-03             | PMW-1     | Water  | n-Hexadecanoic acid              | *             | 4.600     | J      |     |       |
| P1773-03             | PMW-1     | Water  | Octadecanoic acid                | *             | 2.300     | J      |     |       |
| Total Tics :         |           |        |                                  |               | 9.30      |        |     |       |
| Total Concentration: |           |        |                                  |               | 9.30      |        |     |       |



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG031324

SAS No.: BG031324

SDG No.: BG031324

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

Calibration Date(s): 3/13/2024 : \_\_\_\_\_

Calibration Time(s): 10:44 \_\_\_\_\_

|                             |        |                     |        |        |                     |        |                     |       |
|-----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:                |        | RRF2.5 = BG060621.D |        |        | RRF005 = BG060622.D |        | RRF010 = BG060623.D |       |
|                             |        | RRF020 = BG060624.D |        |        | RRF040 = BG060625.D |        | RRF050 = BG060626.D |       |
| COMPOUND                    | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| n-Nitrosodimethylamine      |        | 0.789               | 0.750  | 0.812  | 0.776               | 0.759  | 0.772               | 3.2   |
| Pyridine                    |        | 1.589               | 1.575  | 1.626  | 1.587               | 1.551  | 1.574               | 2.1   |
| 2-Fluorophenol              |        | 1.257               | 1.230  | 1.334  | 1.299               | 1.283  | 1.272               | 3.0   |
| Benzaldehyde                |        | 1.091               | 1.076  | 1.168  | 1.084               | 0.998  | 1.033               | 10.0  |
| Aniline                     |        | 2.137               | 2.220  | 2.319  | 2.328               | 2.299  | 2.255               | 3.2   |
| Phenol-d6                   |        | 1.710               | 1.816  | 1.952  | 1.917               | 1.867  | 1.846               | 4.4   |
| Phenol                      |        | 1.797               | 1.778  | 1.943  | 1.932               | 1.851  | 1.852               | 3.8   |
| bis(2-Chloroethyl)ether     |        | 1.483               | 1.488  | 1.524  | 1.516               | 1.432  | 1.476               | 2.9   |
| 2-Chlorophenol              |        | 1.336               | 1.359  | 1.445  | 1.431               | 1.395  | 1.391               | 2.8   |
| 1,2-Dichlorobenzene         |        | 1.513               | 1.529  | 1.559  | 1.521               | 1.487  | 1.510               | 2.5   |
| 1,3-Dichlorobenzene         |        | 1.506               | 1.477  | 1.590  | 1.500               | 1.490  | 1.500               | 3.1   |
| 1,4-Dichlorobenzene         |        | 1.520               | 1.477  | 1.590  | 1.557               | 1.520  | 1.520               | 2.8   |
| Benzyl Alcohol              |        | 1.340               | 1.384  | 1.495  | 1.549               | 1.475  | 1.459               | 5.0   |
| 2-Methylphenol              |        | 1.306               | 1.350  | 1.499  | 1.496               | 1.428  | 1.422               | 5.1   |
| 2,2-oxybis(1-Chloropropane) |        | 2.752               | 2.810  | 3.040  | 2.934               | 2.837  | 2.866               | 3.6   |
| Acetophenone                |        | 0.527               | 0.523  | 0.559  | 0.548               | 0.535  | 0.536               | 2.9   |
| 3+4-Methylphenols           |        | 1.786               | 1.826  | 1.984  | 2.023               | 1.927  | 1.918               | 4.6   |
| n-Nitroso-di-n-propylamine  | 1.264  | 1.142               | 1.268  | 1.350  | 1.341               | 1.272  | 1.279               | 5.1   |
| Nitrobenzene-d5             |        | 0.343               | 0.349  | 0.397  | 0.398               | 0.399  | 0.384               | 6.9   |
| Hexachloroethane            |        | 0.481               | 0.506  | 0.552  | 0.526               | 0.519  | 0.519               | 4.4   |
| Nitrobenzene                |        | 0.348               | 0.351  | 0.398  | 0.401               | 0.393  | 0.384               | 6.3   |
| Isophorone                  |        | 0.727               | 0.741  | 0.793  | 0.788               | 0.777  | 0.769               | 3.5   |
| 2-Nitrophenol               |        | 0.106               | 0.114  | 0.145  | 0.153               | 0.155  | 0.142               | 15.9  |
| 2,4-Dimethylphenol          |        | 0.380               | 0.332  | 0.349  | 0.337               | 0.329  | 0.340               | 5.8   |
| bis(2-Chloroethoxy)methane  |        | 0.456               | 0.461  | 0.482  | 0.466               | 0.450  | 0.461               | 2.8   |
| 2,4-Dichlorophenol          |        | 0.285               | 0.295  | 0.310  | 0.316               | 0.310  | 0.306               | 3.9   |
| 1,2,4-Trichlorobenzene      |        | 0.324               | 0.329  | 0.336  | 0.322               | 0.318  | 0.324               | 2.6   |
| Benzoic acid                |        |                     | 0.113  | 0.170  | 0.217               | 0.221  | 0.199               | 24.5  |
| Naphthalene                 |        | 1.140               | 1.123  | 1.164  | 1.113               | 1.107  | 1.117               | 3.0   |
| 4-Chloroaniline             |        | 0.438               | 0.472  | 0.492  | 0.481               | 0.472  | 0.471               | 3.7   |
| Hexachlorobutadiene         |        | 0.219               | 0.219  | 0.231  | 0.221               | 0.222  | 0.221               | 2.6   |
| Caprolactam                 |        | 0.087               | 0.101  | 0.108  | 0.106               | 0.105  | 0.103               | 6.9   |
| 4-Chloro-3-methylphenol     |        | 0.349               | 0.362  | 0.390  | 0.385               | 0.379  | 0.374               | 3.9   |
| 2-Methylnaphthalene         |        | 0.788               | 0.767  | 0.817  | 0.773               | 0.760  | 0.772               | 3.5   |
| Hexachlorocyclopentadiene   |        | 0.245               | 0.254  | 0.304  | 0.315               | 0.321  | 0.302               | 12.7  |
| 2,4,6-Trichlorophenol       |        | 0.352               | 0.366  | 0.406  | 0.405               | 0.408  | 0.394               | 6.4   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG031324

SAS No.: BG031324

SDG No.: BG031324

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

Calibration Date(s): 3/13/2024 : \_\_\_\_\_

Calibration Time(s): 10:44 : \_\_\_\_\_

|                            |        |                     |        |        |                     |        |                     |       |
|----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:               |        | RRF2.5 = BG060621.D |        |        | RRF005 = BG060622.D |        | RRF010 = BG060623.D |       |
|                            |        | RRF020 = BG060624.D |        |        | RRF040 = BG060625.D |        | RRF050 = BG060626.D |       |
| COMPOUND                   | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| 2-Fluorobiphenyl           |        | 1.509               | 1.518  | 1.596  | 1.471               | 1.459  | 1.479               | 5.3   |
| 2,4,5-Trichlorophenol      |        | 0.402               | 0.436  | 0.485  | 0.484               | 0.484  | 0.467               | 7.4   |
| 1,1-Biphenyl               |        | 1.523               | 1.534  | 1.593  | 1.520               | 1.499  | 1.520               | 2.9   |
| 2-Chloronaphthalene        |        | 1.089               | 1.148  | 1.203  | 1.169               | 1.137  | 1.147               | 3.4   |
| 2-Nitroaniline             |        | 0.277               | 0.327  | 0.376  | 0.411               | 0.416  | 0.379               | 15.0  |
| Dimethylphthalate          |        | 1.434               | 1.504  | 1.571  | 1.522               | 1.499  | 1.500               | 3.3   |
| Acenaphthylene             |        | 1.813               | 1.868  | 1.957  | 1.881               | 1.882  | 1.869               | 3.0   |
| 2,6-Dinitrotoluene         |        | 0.204               | 0.251  | 0.286  | 0.295               | 0.293  | 0.276               | 13.3  |
| 3-Nitroaniline             |        | 0.264               | 0.289  | 0.331  | 0.332               | 0.337  | 0.318               | 9.3   |
| Acenaphthene               |        | 1.120               | 1.111  | 1.184  | 1.113               | 1.096  | 1.117               | 3.0   |
| 2,4-Dinitrophenol          |        |                     | 0.077  | 0.099  | 0.123               | 0.126  | 0.118               | 21.6  |
| 4-Nitrophenol              |        |                     | 0.195  | 0.226  | 0.246               | 0.251  | 0.237               | 9.8   |
| Dibenzofuran               |        | 1.845               | 1.826  | 1.903  | 1.804               | 1.792  | 1.808               | 3.6   |
| 2,4-Dinitrotoluene         |        | 0.255               | 0.302  | 0.351  | 0.373               | 0.380  | 0.348               | 14.6  |
| Diethylphthalate           |        | 1.496               | 1.559  | 1.617  | 1.554               | 1.538  | 1.543               | 3.1   |
| 4-Chlorophenyl-phenylether |        | 0.725               | 0.741  | 0.776  | 0.729               | 0.724  | 0.733               | 3.1   |
| Fluorene                   |        | 1.413               | 1.464  | 1.532  | 1.453               | 1.436  | 1.447               | 3.6   |
| 4-Nitroaniline             |        | 0.252               | 0.307  | 0.338  | 0.347               | 0.344  | 0.326               | 10.9  |
| 4,6-Dinitro-2-methylphenol |        |                     | 0.057  | 0.076  | 0.087               | 0.087  | 0.083               | 17.6  |
| n-Nitrosodiphenylamine     |        | 0.605               | 0.616  | 0.674  | 0.631               | 0.621  | 0.626               | 4.1   |
| Azobenzene                 |        | 1.524               | 1.600  | 1.696  | 1.621               | 1.589  | 1.597               | 3.6   |
| 2,4,6-Tribromophenol       |        | 0.178               | 0.218  | 0.234  | 0.245               | 0.248  | 0.232               | 11.5  |
| 4-Bromophenyl-phenylether  |        | 0.209               | 0.204  | 0.229  | 0.213               | 0.215  | 0.216               | 4.1   |
| Hexachlorobenzene          |        | 0.241               | 0.248  | 0.260  | 0.247               | 0.245  | 0.248               | 2.7   |
| Atrazine                   |        | 0.192               | 0.207  | 0.224  | 0.214               | 0.209  | 0.209               | 4.8   |
| Pentachlorophenol          |        |                     | 0.119  | 0.153  | 0.170               | 0.170  | 0.161               | 13.6  |
| Phenanthrene               |        | 1.100               | 1.098  | 1.162  | 1.071               | 1.048  | 1.077               | 4.9   |
| Anthracene                 |        | 1.082               | 1.102  | 1.158  | 1.092               | 1.075  | 1.089               | 3.9   |
| Carbazole                  |        | 0.896               | 0.961  | 1.017  | 0.954               | 0.950  | 0.947               | 4.4   |
| Di-n-butylphthalate        |        | 1.044               | 1.139  | 1.244  | 1.198               | 1.172  | 1.154               | 5.8   |
| Fluoranthene               |        | 1.170               | 1.192  | 1.283  | 1.212               | 1.194  | 1.192               | 4.5   |
| Benzidine                  |        | 0.414               | 0.407  | 0.436  | 0.545               | 0.520  | 0.489               | 14.1  |
| Pyrene                     |        | 1.385               | 1.423  | 1.489  | 1.414               | 1.375  | 1.396               | 4.4   |
| Terphenyl-d14              |        | 1.201               | 1.204  | 1.244  | 1.096               | 1.065  | 1.106               | 10.8  |
| Butylbenzylphthalate       |        | 0.436               | 0.477  | 0.542  | 0.557               | 0.560  | 0.528               | 9.7   |
| 3,3-Dichlorobenzidine      |        | 0.410               | 0.430  | 0.475  | 0.494               | 0.478  | 0.464               | 7.0   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BG031324 SAS No.: BG031324 SDG No.: BG031324  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 3/13/2024 : \_\_\_\_\_  
Calibration Time(s): 10:44 \_\_\_\_\_

|                            |        |                     |        |        |                     |        |                     |       |
|----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:               |        | RRF2.5 = BG060621.D |        |        | RRF005 = BG060622.D |        | RRF010 = BG060623.D |       |
|                            |        | RRF020 = BG060624.D |        |        | RRF040 = BG060625.D |        | RRF050 = BG060626.D |       |
| COMPOUND                   | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| Benzo(a)anthracene         |        | 1.342               | 1.372  | 1.434  | 1.402               | 1.382  | 1.377               | 2.9   |
| Chrysene                   |        | 1.344               | 1.335  | 1.385  | 1.346               | 1.320  | 1.337               | 2.7   |
| Bis(2-ethylhexyl)phthalate |        | 0.668               | 0.705  | 0.795  | 0.826               | 0.815  | 0.779               | 8.5   |
| Di-n-octyl phthalate       |        | 1.039               | 1.134  | 1.296  | 1.375               | 1.368  | 1.283               | 11.1  |
| Benzo(b)fluoranthene       |        | 1.030               | 1.059  | 1.149  | 1.137               | 1.097  | 1.100               | 4.2   |
| Benzo(k)fluoranthene       |        | 1.112               | 1.106  | 1.207  | 1.164               | 1.174  | 1.156               | 3.3   |
| Benzo(a)pyrene             |        | 1.013               | 1.002  | 1.121  | 1.101               | 1.098  | 1.079               | 4.8   |
| Indeno(1,2,3-cd)pyrene     |        | 1.240               | 1.273  | 1.400  | 1.396               | 1.403  | 1.364               | 5.6   |
| Dibenzo(a,h)anthracene     |        | 1.087               | 1.078  | 1.184  | 1.182               | 1.175  | 1.158               | 4.7   |
| Benzo(g,h,i)perylene       |        | 1.019               | 1.059  | 1.152  | 1.154               | 1.146  | 1.121               | 5.3   |
| 1,2,4,5-Tetrachlorobenzene |        | 0.590               | 0.611  | 0.639  | 0.613               | 0.619  | 0.614               | 2.8   |
| 1,4-Dioxane                |        | 0.574               | 0.543  | 0.583  | 0.521               | 0.514  | 0.533               | 7.1   |
| 2,3,4,6-Tetrachlorophenol  |        | 0.320               | 0.376  | 0.394  | 0.406               | 0.411  | 0.389               | 8.5   |
| 1-Methylnaphthalene        |        | 0.740               | 0.719  | 0.764  | 0.732               | 0.712  | 0.724               | 3.5   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG031524 SAS No.: BG031524 SDG NO.: BG031524

EPA Sample No.: SSTDICCC040 Date Analyzed: Mar 15 2024 12:00AM

Lab File ID: BG060625.D Time Analyzed: 12:24

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

|    |                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|----|----------------|---------------------|-------|---------------------|--------|---------------------|--------|
|    | 12 HOUR STD    | 106013              | 8.324 | 497769              | 11.17  | 328973              | 14.95  |
|    | UPPER LIMIT    | 212026              | 8.824 | 995538              | 11.673 | 657946              | 15.451 |
|    | LOWER LIMIT    | 53006.5             | 7.824 | 248884.5            | 10.673 | 164486.5            | 14.451 |
|    | EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 | PB159608BL     | 102863              | 8.32  | 489230              | 11.17  | 329159              | 14.95  |
| 02 | PB159608BS     | 110974              | 8.33  | 521823              | 11.17  | 339065              | 14.95  |
| 03 | MW-4           | 92201               | 8.32  | 433816              | 11.17  | 290558              | 14.95  |
| 04 | COMP-2         | 120724              | 8.32  | 517234              | 11.17  | 310006              | 14.95  |
| 05 | MW-2           | 111228              | 8.33  | 491090              | 11.17  | 310204              | 14.95  |
| 06 | MW-1           | 89979               | 8.32  | 411511              | 11.17  | 276984              | 14.95  |
| 07 | FB-3-14-24     | 91556               | 8.32  | 439105              | 11.17  | 300511              | 14.95  |
| 08 | MW-6A          | 96200               | 8.33  | 431213              | 11.17  | 280037              | 14.95  |
| 09 | COMP-1         | 95001               | 8.32  | 453799              | 11.17  | 303230              | 14.95  |
| 10 | PMW-1          | 90285               | 8.32  | 435892              | 11.16  | 290966              | 14.95  |
| 11 | COMP-2         | 100919              | 8.32  | 457451              | 11.17  | 309482              | 14.95  |
| 12 | COMP-2MS       | 102100              | 8.32  | 492382              | 11.17  | 324657              | 14.95  |
| 13 | COMP-2MSD      | 95814               | 8.32  | 452139              | 11.17  | 301388              | 14.95  |
| 14 | NB-07-031424DL | 115434              | 8.32  | 518463              | 11.17  | 319554              | 14.95  |
| 15 | NB-07-031424   | 120569              | 8.32  | 530293              | 11.17  | 314732              | 14.95  |

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: CHEMTECHLab Code: CHEM Case No.: BG031524 SAS No.: BG031524 SDG NO.: BG031524EPA Sample No.: SSTDCCC040 Date Analyzed: Mar 15 2024 12:00AMLab File ID: BG060660.D Time Analyzed: 12:24Instrument ID: BNA\_G GC Column: ZB-GR ID: 0.25 (mm)

|    |                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|----|----------------|---------------------|-------|---------------------|--------|---------------------|--------|
|    | 12 HOUR STD    | 102722              | 8.324 | 484284              | 11.17  | 309527              | 14.95  |
|    | UPPER LIMIT    | 205444              | 8.824 | 968568              | 11.668 | 619054              | 15.446 |
|    | LOWER LIMIT    | 51361               | 7.824 | 242142              | 10.668 | 154763.5            | 14.446 |
|    | EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 | PB159608BL     | 102863              | 8.32  | 489230              | 11.17  | 329159              | 14.95  |
| 02 | PB159608BS     | 110974              | 8.33  | 521823              | 11.17  | 339065              | 14.95  |
| 03 | MW-4           | 92201               | 8.32  | 433816              | 11.17  | 290558              | 14.95  |
| 04 | COMP-2         | 120724              | 8.32  | 517234              | 11.17  | 310006              | 14.95  |
| 05 | MW-2           | 111228              | 8.33  | 491090              | 11.17  | 310204              | 14.95  |
| 06 | MW-1           | 89979               | 8.32  | 411511              | 11.17  | 276984              | 14.95  |
| 07 | FB-3-14-24     | 91556               | 8.32  | 439105              | 11.17  | 300511              | 14.95  |
| 08 | MW-6A          | 96200               | 8.33  | 431213              | 11.17  | 280037              | 14.95  |
| 09 | COMP-1         | 95001               | 8.32  | 453799              | 11.17  | 303230              | 14.95  |
| 10 | PMW-1          | 90285               | 8.32  | 435892              | 11.16  | 290966              | 14.95  |
| 11 | COMP-2         | 100919              | 8.32  | 457451              | 11.17  | 309482              | 14.95  |
| 12 | COMP-2MS       | 102100              | 8.32  | 492382              | 11.17  | 324657              | 14.95  |
| 13 | COMP-2MSD      | 95814               | 8.32  | 452139              | 11.17  | 301388              | 14.95  |
| 14 | NB-07-031424DL | 115434              | 8.32  | 518463              | 11.17  | 319554              | 14.95  |
| 15 | NB-07-031424   | 120569              | 8.32  | 530293              | 11.17  | 314732              | 14.95  |

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.



## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG031524 SAS No.: BG031524 SDG NO.: BG031524

EPA Sample No.: SSTDICCC040 Date Analyzed: Mar 15 2024 12:00AM

Lab File ID: BG060625.D Time Analyzed: 12:24

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

|                   | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|-------------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD       | 696137              | 17.701 | 617246              | 22.025 | 701669              | 25.574 |
| UPPER LIMIT       | 1392274             | 18.201 | 1234492             | 22.525 | 1403338             | 26.074 |
| LOWER LIMIT       | 348068.5            | 17.201 | 308623              | 21.525 | 350834.5            | 25.074 |
| EPA SAMPLE NO.    |                     |        |                     |        |                     |        |
| 01 PB159608BL     | 755696              | 17.70  | 674624              | 22.01  | 763693              | 25.57  |
| 02 PB159608BS     | 717678              | 17.70  | 646350              | 22.02  | 685250              | 25.57  |
| 03 MW-4           | 605367              | 17.70  | 552639              | 22.01  | 624489              | 25.56  |
| 04 COMP-2         | 547230              | 17.71  | 531105              | 22.02  | 636689              | 25.57  |
| 05 MW-2           | 606327              | 17.70  | 535877              | 22.01  | 628584              | 25.57  |
| 06 MW-1           | 567162              | 17.70  | 504480              | 22.01  | 586261              | 25.57  |
| 07 FB-3-14-24     | 626641              | 17.70  | 545929              | 22.01  | 637360              | 25.56  |
| 08 MW-6A          | 580714              | 17.70  | 505127              | 22.01  | 589729              | 25.57  |
| 09 COMP-1         | 632112              | 17.69  | 567837              | 22.01  | 652472              | 25.56  |
| 10 PMW-1          | 596740              | 17.69  | 539740              | 22.01  | 613775              | 25.57  |
| 11 COMP-2         | 644928              | 17.69  | 569166              | 22.01  | 669999              | 25.57  |
| 12 COMP-2MS       | 668525              | 17.69  | 596495              | 22.02  | 679382              | 25.57  |
| 13 COMP-2MSD      | 622448              | 17.70  | 546179              | 22.02  | 624944              | 25.57  |
| 14 NB-07-031424DL | 626378              | 17.69  | 579556              | 22.01  | 679991              | 25.57  |
| 15 NB-07-031424   | 605220              | 17.69  | 572659              | 22.01  | 700526              | 25.57  |

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.

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG031524 SAS No.: BG031524 SDG NO.: BG031524

EPA Sample No.: SSTDCCC040 Date Analyzed: Mar 15 2024 12:00AM

Lab File ID: BG060660.D Time Analyzed: 12:24

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

|                   | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|-------------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD       | 619008              | 17.695 | 554900              | 22.014 | 625483              | 25.569 |
| UPPER LIMIT       | 1238016             | 18.195 | 1109800             | 22.514 | 1250966             | 26.069 |
| LOWER LIMIT       | 309504              | 17.195 | 277450              | 21.514 | 312741.5            | 25.069 |
| EPA SAMPLE NO.    |                     |        |                     |        |                     |        |
| 01 PB159608BL     | 755696              | 17.70  | 674624              | 22.01  | 763693              | 25.57  |
| 02 PB159608BS     | 717678              | 17.70  | 646350              | 22.02  | 685250              | 25.57  |
| 03 MW-4           | 605367              | 17.70  | 552639              | 22.01  | 624489              | 25.56  |
| 04 COMP-2         | 547230              | 17.71  | 531105              | 22.02  | 636689              | 25.57  |
| 05 MW-2           | 606327              | 17.70  | 535877              | 22.01  | 628584              | 25.57  |
| 06 MW-1           | 567162              | 17.70  | 504480              | 22.01  | 586261              | 25.57  |
| 07 FB-3-14-24     | 626641              | 17.70  | 545929              | 22.01  | 637360              | 25.56  |
| 08 MW-6A          | 580714              | 17.70  | 505127              | 22.01  | 589729              | 25.57  |
| 09 COMP-1         | 632112              | 17.69  | 567837              | 22.01  | 652472              | 25.56  |
| 10 PMW-1          | 596740              | 17.69  | 539740              | 22.01  | 613775              | 25.57  |
| 11 COMP-2         | 644928              | 17.69  | 569166              | 22.01  | 669999              | 25.57  |
| 12 COMP-2MS       | 668525              | 17.69  | 596495              | 22.02  | 679382              | 25.57  |
| 13 COMP-2MSD      | 622448              | 17.70  | 546179              | 22.02  | 624944              | 25.57  |
| 14 NB-07-031424DL | 626378              | 17.69  | 579556              | 22.01  | 679991              | 25.57  |
| 15 NB-07-031424   | 605220              | 17.69  | 572659              | 22.01  | 700526              | 25.57  |

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.: BG031524

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

Analytical Method: 8270E

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|--------|------|-----|
|               |                             |       |        |       |     |     |      | Qual | Low    | High |     |
| PB159608BS    | n-Nitrosodimethylamine      | 1700  | 1400   | ug/Kg | 82  |     |      |      | 57     | 103  |     |
|               | Pyridine                    | 1700  | 1000   | ug/Kg | 59  |     |      |      | 28     | 98   |     |
|               | Benzaldehyde                | 1700  | 760    | ug/Kg | 45  |     |      |      | 10     | 147  |     |
|               | Aniline                     | 1700  | 680    | ug/Kg | 40  |     |      |      | 38     | 100  |     |
|               | Phenol                      | 1700  | 1800   | ug/Kg | 106 |     |      |      | 62     | 112  |     |
|               | bis(2-Chloroethyl)ether     | 1700  | 1500   | ug/Kg | 88  |     |      |      | 60     | 101  |     |
|               | 2-Chlorophenol              | 1700  | 1800   | ug/Kg | 106 |     |      |      | 65     | 112  |     |
|               | 1,2-Dichlorobenzene         | 1700  | 1500   | ug/Kg | 88  |     |      |      | 51     | 102  |     |
|               | 1,3-Dichlorobenzene         | 1700  | 1600   | ug/Kg | 94  |     |      |      | 52     | 99   |     |
|               | 1,4-Dichlorobenzene         | 1700  | 1500   | ug/Kg | 88  |     |      |      | 52     | 100  |     |
|               | Benzyl Alcohol              | 1700  | 1600   | ug/Kg | 94  |     |      |      | 42     | 116  |     |
|               | 2-Methylphenol              | 1700  | 1600   | ug/Kg | 94  |     |      |      | 61     | 108  |     |
|               | 2,2-oxybis(1-Chloropropane) | 1700  | 1500   | ug/Kg | 88  |     |      |      | 51     | 100  |     |
|               | Acetophenone                | 1700  | 1500   | ug/Kg | 88  |     |      |      | 55     | 104  |     |
|               | 3+4-Methylphenols           | 1700  | 1600   | ug/Kg | 94  |     |      |      | 58     | 111  |     |
|               | N-Nitroso-di-n-propylamine  | 1700  | 1500   | ug/Kg | 88  |     |      |      | 63     | 95   |     |
|               | Hexachloroethane            | 1700  | 1600   | ug/Kg | 94  |     |      |      | 72     | 108  |     |
|               | Nitrobenzene                | 1700  | 1500   | ug/Kg | 88  |     |      |      | 57     | 101  |     |
|               | Isophorone                  | 1700  | 1500   | ug/Kg | 88  |     |      |      | 59     | 99   |     |
|               | 2-Nitrophenol               | 1700  | 1700   | ug/Kg | 100 |     |      |      | 61     | 111  |     |
|               | 2,4-Dimethylphenol          | 1700  | 1400   | ug/Kg | 82  |     |      |      | 67     | 119  |     |
|               | bis(2-Chloroethoxy)methane  | 1700  | 1500   | ug/Kg | 88  |     |      |      | 53     | 105  |     |
|               | 2,4-Dichlorophenol          | 1700  | 1700   | ug/Kg | 100 |     |      |      | 62     | 107  |     |
|               | 1,2,4-Trichlorobenzene      | 1700  | 1500   | ug/Kg | 88  |     |      |      | 44     | 110  |     |
|               | Benzoic acid                | 1700  | 1700   | ug/Kg | 100 |     |      |      | 10     | 140  |     |
|               | Naphthalene                 | 1700  | 1500   | ug/Kg | 88  |     |      |      | 62     | 100  |     |
|               | 4-Chloroaniline             | 1700  | 520    | ug/Kg | 31  |     |      |      | 16     | 100  |     |
|               | Hexachlorobutadiene         | 1700  | 1500   | ug/Kg | 88  |     |      |      | 53     | 98   |     |
|               | Caprolactam                 | 1700  | 1600   | ug/Kg | 94  |     |      |      | 67     | 110  |     |
|               | 4-Chloro-3-methylphenol     | 1700  | 1600   | ug/Kg | 94  |     |      |      | 58     | 112  |     |
|               | 2-Methylnaphthalene         | 1700  | 1400   | ug/Kg | 82  |     |      |      | 60     | 104  |     |
|               | Hexachlorocyclopentadiene   | 3300  | 3200   | ug/Kg | 97  |     |      |      | 45     | 134  |     |
|               | 2,4,6-Trichlorophenol       | 1700  | 1700   | ug/Kg | 100 |     |      |      | 59     | 102  |     |
|               | 2,4,5-Trichlorophenol       | 1700  | 1500   | ug/Kg | 88  |     |      |      | 61     | 98   |     |
|               | 1,1-Biphenyl                | 1700  | 1500   | ug/Kg | 88  |     |      |      | 57     | 103  |     |
|               | 2-Chloronaphthalene         | 1700  | 1600   | ug/Kg | 94  |     |      |      | 58     | 99   |     |
|               | 2-Nitroaniline              | 1700  | 1700   | ug/Kg | 100 |     |      |      | 66     | 101  |     |
|               | Dimethylphthalate           | 1700  | 1500   | ug/Kg | 88  |     |      |      | 61     | 99   |     |
|               | Acenaphthylene              | 1700  | 1600   | ug/Kg | 94  |     |      |      | 63     | 101  |     |
|               | 2,6-Dinitrotoluene          | 1700  | 1700   | ug/Kg | 100 |     |      |      | 61     | 104  |     |
|               | 3-Nitroaniline              | 1700  | 1100   | ug/Kg | 65  |     |      |      | 28     | 100  |     |
|               | Acenaphthene                | 1700  | 1500   | ug/Kg | 88  |     |      |      | 57     | 104  |     |
|               | Total PAH                   | 27200 | 25300  | ug/Kg | 93  |     |      |      | 57     | 104  |     |
|               | 2,4-Dinitrophenol           | 3300  | 3400   | ug/Kg | 103 |     |      |      | 37     | 128  |     |
|               | 4-Nitrophenol               | 3300  | 3500   | ug/Kg | 106 |     |      |      | 48     | 119  |     |
|               | Dibenzofuran                | 1700  | 1500   | ug/Kg | 88  |     |      |      | 63     | 99   |     |



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary  
SW-846

SDG No.: BG031524

Client:

Analytical Method: 8270E

DataFile:

| Lab Sample ID | Parameter                      | Spike | Result | Unit  | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|--------------------------------|-------|--------|-------|-----|-----|------|------|--------|------|-----|
|               |                                |       |        |       |     |     |      | Qual | Low    | High |     |
| PB159608BS    | 2,4-Dinitrotoluene             | 1700  | 1800   | ug/Kg | 106 |     |      |      | 60     | 106  |     |
|               | 2,4-Dinitrotoluene/2,6-Dinitro | 3400  | 3500   | ug/Kg | 103 |     |      |      | 60     | 106  |     |
|               | Diethylphthalate               | 1700  | 1500   | ug/Kg | 88  |     |      |      | 60     | 101  |     |
|               | 4-Chlorophenyl-phenylether     | 1700  | 1500   | ug/Kg | 88  |     |      |      | 58     | 98   |     |
|               | Fluorene                       | 1700  | 1500   | ug/Kg | 88  |     |      |      | 61     | 101  |     |
|               | 4-Nitroaniline                 | 1700  | 1600   | ug/Kg | 94  |     |      |      | 64     | 103  |     |
|               | 4,6-Dinitro-2-methylphenol     | 1700  | 1700   | ug/Kg | 100 |     |      |      | 76     | 113  |     |
|               | N-Nitrosodiphenylamine         | 1700  | 1500   | ug/Kg | 88  |     |      |      | 56     | 107  |     |
|               | Azobenzene                     | 1700  | 1500   | ug/Kg | 88  |     |      |      | 54     | 103  |     |
|               | 4-Bromophenyl-phenylether      | 1700  | 1600   | ug/Kg | 94  |     |      |      | 55     | 99   |     |
|               | Hexachlorobenzene              | 1700  | 1600   | ug/Kg | 94  |     |      |      | 64     | 98   |     |
|               | Atrazine                       | 1700  | 1400   | ug/Kg | 82  |     |      |      | 67     | 113  |     |
|               | Pentachlorophenol              | 3300  | 3100   | ug/Kg | 94  |     |      |      | 67     | 105  |     |
|               | Phenanthrene                   | 1700  | 1500   | ug/Kg | 88  |     |      |      | 59     | 103  |     |
|               | Anthracene                     | 1700  | 1500   | ug/Kg | 88  |     |      |      | 61     | 105  |     |
|               | Carbazole                      | 1700  | 1500   | ug/Kg | 88  |     |      |      | 61     | 99   |     |
|               | Di-n-butylphthalate            | 1700  | 1600   | ug/Kg | 94  |     |      |      | 58     | 104  |     |
|               | Fluoranthene                   | 1700  | 1500   | ug/Kg | 88  |     |      |      | 57     | 107  |     |
|               | Benzidine                      | 3300  | 820    | ug/Kg | 25  |     |      |      | 10     | 98   |     |
|               | Pyrene                         | 1700  | 1500   | ug/Kg | 88  |     |      |      | 59     | 103  |     |
|               | Butylbenzylphthalate           | 1700  | 1600   | ug/Kg | 94  |     |      |      | 55     | 103  |     |
|               | 3,3-Dichlorobenzidine          | 1700  | 1200   | ug/Kg | 71  |     |      |      | 42     | 91   |     |
|               | Benzo(a)anthracene             | 1700  | 1500   | ug/Kg | 88  |     |      |      | 60     | 102  |     |
|               | Chrysene                       | 1700  | 1500   | ug/Kg | 88  |     |      |      | 59     | 101  |     |
|               | bis(2-Ethylhexyl)phthalate     | 1700  | 1600   | ug/Kg | 94  |     |      |      | 63     | 111  |     |
|               | Di-n-octyl phthalate           | 1700  | 1700   | ug/Kg | 100 |     |      |      | 70     | 108  |     |
|               | Benzo(b)fluoranthene           | 1700  | 1800   | ug/Kg | 106 |     |      |      | 62     | 109  |     |
|               | Benzo(k)fluoranthene           | 1700  | 1700   | ug/Kg | 100 |     |      |      | 62     | 109  |     |
|               | Benzo(a)pyrene                 | 1700  | 1600   | ug/Kg | 94  |     |      |      | 63     | 103  |     |
|               | Indeno(1,2,3-cd)pyrene         | 1700  | 1700   | ug/Kg | 100 |     |      |      | 63     | 101  |     |
|               | Dibenz(a,h)anthracene          | 1700  | 1700   | ug/Kg | 100 |     |      |      | 61     | 112  |     |
|               | Benzo(g,h,i)perylene           | 1700  | 1700   | ug/Kg | 100 |     |      |      | 70     | 108  |     |
|               | 1,2,4,5-Tetrachlorobenzene     | 1700  | 1500   | ug/Kg | 88  |     |      |      | 53     | 101  |     |
|               | 1,4-Dioxane                    | 1700  | 1100   | ug/Kg | 65  |     |      |      | 50     | 96   |     |
|               | 2,3,4,6-Tetrachlorophenol      | 1700  | 1600   | ug/Kg | 94  |     |      |      | 59     | 108  |     |
|               | 1-Methylnaphthalene            | 1700  | 1500   | ug/Kg | 88  |     |      |      | 70     | 130  |     |



4B

## SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MW-4

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG031524SAS No.: BG031524 SDG NO.: BG031524Lab File ID: BG060663.DLab Sample ID: P1749-04Instrument ID: BNA\_GDate Extracted: 03/14/2024Matrix: (soil/water) WaterDate Analyzed: 03/15/2024Level: (low/med) LOWTime Analyzed: 13:46

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| MW-4              | P1749-04         | BG060663.D     | 03/15/2024       |

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



4B

## SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159608BL

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BG031524

SAS No.: BG031524 SDG NO.: BG031524

Lab File ID: BG060661.D

Lab Sample ID: PB159608BL

Instrument ID: BNA\_G

Date Extracted: 03/15/2024

Matrix: (soil/water) Solid

Date Analyzed: 03/15/2024

Level: (low/med) LOW

Time Analyzed: 12:24

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| PB159608BS        | PB159608BS       | BG060662.D     | 03/15/2024       |
| COMP-1            | P1764-10         | BG060669.D     | 03/15/2024       |
| COMP-2            | P1771-03         | BG060664.D     | 03/15/2024       |
| COMP-2            | P1764-11         | BG060671.D     | 03/15/2024       |
| COMP-2MS          | P1764-11MS       | BG060672.D     | 03/15/2024       |
| COMP-2MSD         | P1764-11MSD      | BG060673.D     | 03/15/2024       |
| NB-07-031424      | P1767-01         | BG060675.D     | 03/15/2024       |

COMMENTS:



4B

## SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MW-2

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM

Case No.: BG031524

SAS No.: BG031524

SDG NO.: BG031524

Lab File ID: BG060665.D

Lab Sample ID: P1769-01

Instrument ID: BNA\_G

Date Extracted: 03/15/2024

Matrix: (soil/water) Water

Date Analyzed: 03/15/2024

Level: (low/med) LOW

Time Analyzed: 16:08

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 |
|-------------------|------------------|----------------|------------------|
| MW-2              | P1769-01         | BG060665.D     | 03/15/2024       |
| MW-1              | P1769-02         | BG060666.D     | 03/15/2024       |
| FB-3-14-24        | P1769-03         | BG060667.D     | 03/15/2024       |
| MW-6A             | P1773-02         | BG060668.D     | 03/15/2024       |
| PMW-1             | P1773-03         | BG060670.D     | 03/15/2024       |

COMMENTS:

**Matrix Spike/Matrix Spike Duplicate Summary**  
**SW-846**

**SDG No.:** BG031524

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

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

| Parameter                   | Spike             | Sample Result            | Result          | Units | Rec | Rec Qual | RPD | RPD Qual         | Low               | Limits High | RPD |
|-----------------------------|-------------------|--------------------------|-----------------|-------|-----|----------|-----|------------------|-------------------|-------------|-----|
| <b>Lab Sample ID:</b>       | <b>P1764-11MS</b> | <b>Client Sample ID:</b> | <b>COMP-2MS</b> |       |     |          |     | <b>DataFile:</b> | <b>BG060672.D</b> |             |     |
| n-Nitrosodimethylamine      | 1900              |                          | 1500            | ug/Kg | 79  |          |     |                  | 66                | 124         |     |
| Pyridine                    | 1900              |                          | 1200            | ug/Kg | 63  |          |     |                  | 45                | 119         |     |
| Benzaldehyde                | 1900              |                          | 710             | ug/Kg | 37  |          |     |                  | 26                | 163         |     |
| Aniline                     | 1900              |                          | 880             | ug/Kg | 46  |          |     |                  | 10                | 88          |     |
| Phenol                      | 1900              |                          | 1900            | ug/Kg | 100 |          |     |                  | 67                | 126         |     |
| bis(2-Chloroethyl)ether     | 1900              |                          | 1600            | ug/Kg | 84  |          |     |                  | 74                | 116         |     |
| 2-Chlorophenol              | 1900              |                          | 1800            | ug/Kg | 95  |          |     |                  | 61                | 138         |     |
| 1,2-Dichlorobenzene         | 1900              |                          | 1700            | ug/Kg | 89  |          |     |                  | 61                | 105         |     |
| 1,3-Dichlorobenzene         | 1900              |                          | 1600            | ug/Kg | 84  |          |     |                  | 62                | 101         |     |
| 1,4-Dichlorobenzene         | 1900              |                          | 1600            | ug/Kg | 84  |          |     |                  | 63                | 104         |     |
| Benzyl Alcohol              | 1900              |                          | 1700            | ug/Kg | 89  |          |     |                  | 47                | 126         |     |
| 2-Methylphenol              | 1900              |                          | 1700            | ug/Kg | 89  |          |     |                  | 66                | 122         |     |
| 2,2-oxybis(1-Chloropropane) | 1900              |                          | 1600            | ug/Kg | 84  |          |     |                  | 52                | 115         |     |
| Acetophenone                | 1900              |                          | 1600            | ug/Kg | 84  |          |     |                  | 75                | 111         |     |
| 3+4-Methylphenols           | 1900              |                          | 1700            | ug/Kg | 89  |          |     |                  | 53                | 132         |     |
| N-Nitroso-di-n-propylamine  | 1900              |                          | 1600            | ug/Kg | 84  |          |     |                  | 59                | 119         |     |
| Hexachloroethane            | 1900              |                          | 1700            | ug/Kg | 89  |          |     |                  | 65                | 117         |     |
| Nitrobenzene                | 1900              |                          | 1600            | ug/Kg | 84  |          |     |                  | 70                | 119         |     |
| Isophorone                  | 1900              |                          | 1600            | ug/Kg | 84  |          |     |                  | 76                | 122         |     |
| 2-Nitrophenol               | 1900              |                          | 1700            | ug/Kg | 89  |          |     |                  | 54                | 145         |     |
| 2,4-Dimethylphenol          | 1900              |                          | 1300            | ug/Kg | 68  | *        |     |                  | 83                | 144         |     |
| bis(2-Chloroethoxy)methane  | 1900              |                          | 1600            | ug/Kg | 84  |          |     |                  | 68                | 112         |     |
| 2,4-Dichlorophenol          | 1900              |                          | 1800            | ug/Kg | 95  |          |     |                  | 72                | 118         |     |
| 1,2,4-Trichlorobenzene      | 1900              |                          | 1600            | ug/Kg | 84  |          |     |                  | 57                | 103         |     |
| Benzoic acid                | 1900              |                          | 1700            | ug/Kg | 89  |          |     |                  | 50                | 104         |     |
| Naphthalene                 | 1900              |                          | 1600            | ug/Kg | 84  |          |     |                  | 72                | 110         |     |
| 4-Chloroaniline             | 1900              |                          | 460             | ug/Kg | 24  |          |     |                  | 10                | 100         |     |
| Hexachlorobutadiene         | 1900              |                          | 1500            | ug/Kg | 79  |          |     |                  | 66                | 114         |     |
| Caprolactam                 | 1900              |                          | 1700            | ug/Kg | 89  |          |     |                  | 51                | 134         |     |
| 4-Chloro-3-methylphenol     | 1900              |                          | 1700            | ug/Kg | 89  |          |     |                  | 57                | 132         |     |
| 2-Methylnaphthalene         | 1900              |                          | 1500            | ug/Kg | 79  |          |     |                  | 59                | 123         |     |
| Hexachlorocyclopentadiene   | 3700              |                          | 3500            | ug/Kg | 95  |          |     |                  | 10                | 175         |     |
| 2,4,6-Trichlorophenol       | 1900              |                          | 1700            | ug/Kg | 89  |          |     |                  | 72                | 117         |     |
| 2,4,5-Trichlorophenol       | 1900              |                          | 1600            | ug/Kg | 84  |          |     |                  | 72                | 117         |     |
| 1,1-Biphenyl                | 1900              |                          | 1600            | ug/Kg | 84  |          |     |                  | 75                | 113         |     |
| 2-Chloronaphthalene         | 1900              |                          | 1600            | ug/Kg | 84  |          |     |                  | 67                | 118         |     |
| 2-Nitroaniline              | 1900              |                          | 1700            | ug/Kg | 89  |          |     |                  | 69                | 127         |     |
| Dimethylphthalate           | 1900              |                          | 1600            | ug/Kg | 84  |          |     |                  | 70                | 113         |     |
| Acenaphthylene              | 1900              |                          | 1700            | ug/Kg | 89  |          |     |                  | 79                | 118         |     |
| 2,6-Dinitrotoluene          | 1900              |                          | 1700            | ug/Kg | 89  |          |     |                  | 70                | 125         |     |
| 3-Nitroaniline              | 1900              |                          | 960             | ug/Kg | 51  |          |     |                  | 20                | 111         |     |
| Acenaphthene                | 1900              |                          | 1600            | ug/Kg | 84  |          |     |                  | 70                | 121         |     |
| Total PAH                   | 30400             |                          | 26200           | ug/Kg | 86  |          |     |                  | 70                | 121         |     |
| 2,4-Dinitrophenol           | 3700              |                          | 3400            | ug/Kg | 92  |          |     |                  | 16                | 160         |     |
| 4-Nitrophenol               | 3700              |                          | 3500            | ug/Kg | 95  |          |     |                  | 45                | 133         |     |
| Dibenzofuran                | 1900              |                          | 1600            | ug/Kg | 84  |          |     |                  | 72                | 110         |     |
| 2,4-Dinitrotoluene          | 1900              |                          | 1800            | ug/Kg | 95  |          |     |                  | 55                | 128         |     |





Matrix Spike/Matrix Spike Duplicate Summary  
SW-846

SDG No.: BG031524

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

Analytical Method: **8270E**

| Parameter                         | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Limits |      |     |
|-----------------------------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|--------|------|-----|
|                                   |       |                  |        |       |     |             |     |             | Low    | High | RPD |
| 2,4-Dinitrotoluene/2,6-Dinitrotol | 3800  |                  | 3500   | ug/Kg | 92  |             |     |             | 55     | 128  |     |
| Diethylphthalate                  | 1900  |                  | 1600   | ug/Kg | 84  |             |     |             | 70     | 112  |     |
| 4-Chlorophenyl-phenylether        | 1900  |                  | 1600   | ug/Kg | 84  |             |     |             | 71     | 108  |     |
| Fluorene                          | 1900  |                  | 1600   | ug/Kg | 84  |             |     |             | 68     | 116  |     |
| 4-Nitroaniline                    | 1900  |                  | 1600   | ug/Kg | 84  |             |     |             | 55     | 120  |     |
| 4,6-Dinitro-2-methylphenol        | 1900  |                  | 1900   | ug/Kg | 100 |             |     |             | 32     | 145  |     |
| N-Nitrosodiphenylamine            | 1900  |                  | 1600   | ug/Kg | 84  |             |     |             | 73     | 118  |     |
| Azobenzene                        | 1900  |                  | 1600   | ug/Kg | 84  |             |     |             | 73     | 110  |     |
| 4-Bromophenyl-phenylether         | 1900  |                  | 1700   | ug/Kg | 89  |             |     |             | 65     | 121  |     |
| Hexachlorobenzene                 | 1900  |                  | 1700   | ug/Kg | 89  |             |     |             | 67     | 118  |     |
| Atrazine                          | 1900  |                  | 1700   | ug/Kg | 89  |             |     |             | 79     | 127  |     |
| Pentachlorophenol                 | 3700  |                  | 3300   | ug/Kg | 89  |             |     |             | 47     | 128  |     |
| Phenanthrene                      | 1900  |                  | 1600   | ug/Kg | 84  |             |     |             | 72     | 113  |     |
| Anthracene                        | 1900  |                  | 1600   | ug/Kg | 84  |             |     |             | 62     | 124  |     |
| Carbazole                         | 1900  |                  | 1600   | ug/Kg | 84  |             |     |             | 59     | 119  |     |
| Di-n-butylphthalate               | 1900  |                  | 1700   | ug/Kg | 89  |             |     |             | 69     | 118  |     |
| Fluoranthene                      | 1900  |                  | 1600   | ug/Kg | 84  |             |     |             | 59     | 125  |     |
| Benzidine                         | 3700  |                  | 2000   | ug/Kg | 54  |             |     |             | 10     | 119  |     |
| Pyrene                            | 1900  |                  | 1600   | ug/Kg | 84  |             |     |             | 52     | 128  |     |
| Butylbenzylphthalate              | 1900  |                  | 1700   | ug/Kg | 89  |             |     |             | 64     | 126  |     |
| 3,3-Dichlorobenzidine             | 1900  |                  | 830    | ug/Kg | 44  |             |     |             | 10     | 164  |     |
| Benzo(a)anthracene                | 1900  |                  | 1600   | ug/Kg | 84  |             |     |             | 71     | 114  |     |
| Chrysene                          | 1900  |                  | 1600   | ug/Kg | 84  |             |     |             | 57     | 121  |     |
| bis(2-Ethylhexyl)phthalate        | 1900  |                  | 1700   | ug/Kg | 89  |             |     |             | 66     | 127  |     |
| Di-n-octyl phthalate              | 1900  |                  | 1800   | ug/Kg | 95  |             |     |             | 71     | 126  |     |
| Benzo(b)fluoranthene              | 1900  |                  | 1700   | ug/Kg | 89  |             |     |             | 67     | 121  |     |
| Benzo(k)fluoranthene              | 1900  |                  | 1700   | ug/Kg | 89  |             |     |             | 74     | 114  |     |
| Benzo(a)pyrene                    | 1900  |                  | 1700   | ug/Kg | 89  |             |     |             | 70     | 142  |     |
| Indeno(1,2,3-cd)pyrene            | 1900  |                  | 1700   | ug/Kg | 89  |             |     |             | 61     | 125  |     |
| Dibenz(a,h)anthracene             | 1900  |                  | 1700   | ug/Kg | 89  |             |     |             | 67     | 130  |     |
| Benzo(g,h,i)perylene              | 1900  |                  | 1600   | ug/Kg | 84  |             |     |             | 53     | 140  |     |
| 1,2,4,5-Tetrachlorobenzene        | 1900  |                  | 1600   | ug/Kg | 84  |             |     |             | 69     | 124  |     |
| 1,4-Dioxane                       | 1900  |                  | 1400   | ug/Kg | 74  |             |     |             | 46     | 112  |     |
| 2,3,4,6-Tetrachlorophenol         | 1900  |                  | 1600   | ug/Kg | 84  |             |     |             | 56     | 133  |     |
| 1-Methylnaphthalene               | 1900  |                  | 1500   | ug/Kg | 79  |             |     |             | 70     | 130  |     |

**Matrix Spike/Matrix Spike Duplicate Summary**  
**SW-846**

**SDG No.:** BG031524

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

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

| Parameter                   | Spike              | Sample Result            | Result           | Units | Rec | Rec Qual | RPD | RPD Qual         | Low               | Limits High | RPD |
|-----------------------------|--------------------|--------------------------|------------------|-------|-----|----------|-----|------------------|-------------------|-------------|-----|
| <b>Lab Sample ID:</b>       | <b>P1764-11MSD</b> | <b>Client Sample ID:</b> | <b>COMP-2MSD</b> |       |     |          |     | <b>DataFile:</b> | <b>BG060673.D</b> |             |     |
| n-Nitrosodimethylamine      | 1900               |                          | 1500             | ug/Kg | 79  |          | 0   |                  | 66                | 124         | 20  |
| Pyridine                    | 1900               |                          | 1200             | ug/Kg | 63  |          | 0   |                  | 45                | 119         | 20  |
| Benzaldehyde                | 1900               |                          | 710              | ug/Kg | 37  |          | 0   |                  | 26                | 163         | 20  |
| Aniline                     | 1900               |                          | 890              | ug/Kg | 47  |          | 2   |                  | 10                | 88          | 20  |
| Phenol                      | 1900               |                          | 1900             | ug/Kg | 100 |          | 0   |                  | 67                | 126         | 20  |
| bis(2-Chloroethyl)ether     | 1900               |                          | 1600             | ug/Kg | 84  |          | 0   |                  | 74                | 116         | 20  |
| 2-Chlorophenol              | 1900               |                          | 1900             | ug/Kg | 100 |          | 5   |                  | 61                | 138         | 20  |
| 1,2-Dichlorobenzene         | 1900               |                          | 1700             | ug/Kg | 89  |          | 0   |                  | 61                | 105         | 20  |
| 1,3-Dichlorobenzene         | 1900               |                          | 1700             | ug/Kg | 89  |          | 6   |                  | 62                | 101         | 20  |
| 1,4-Dichlorobenzene         | 1900               |                          | 1700             | ug/Kg | 89  |          | 6   |                  | 63                | 104         | 20  |
| Benzyl Alcohol              | 1900               |                          | 1700             | ug/Kg | 89  |          | 0   |                  | 47                | 126         | 20  |
| 2-Methylphenol              | 1900               |                          | 1700             | ug/Kg | 89  |          | 0   |                  | 66                | 122         | 20  |
| 2,2-oxybis(1-Chloropropane) | 1900               |                          | 1600             | ug/Kg | 84  |          | 0   |                  | 52                | 115         | 20  |
| Acetophenone                | 1900               |                          | 1700             | ug/Kg | 89  |          | 6   |                  | 75                | 111         | 20  |
| 3+4-Methylphenols           | 1900               |                          | 1800             | ug/Kg | 95  |          | 7   |                  | 53                | 132         | 20  |
| N-Nitroso-di-n-propylamine  | 1900               |                          | 1700             | ug/Kg | 89  |          | 6   |                  | 59                | 119         | 20  |
| Hexachloroethane            | 1900               |                          | 1800             | ug/Kg | 95  |          | 7   |                  | 65                | 117         | 20  |
| Nitrobenzene                | 1900               |                          | 1600             | ug/Kg | 84  |          | 0   |                  | 70                | 119         | 20  |
| Isophorone                  | 1900               |                          | 1700             | ug/Kg | 89  |          | 6   |                  | 76                | 122         | 20  |
| 2-Nitrophenol               | 1900               |                          | 1800             | ug/Kg | 95  |          | 7   |                  | 54                | 145         | 20  |
| 2,4-Dimethylphenol          | 1900               |                          | 1400             | ug/Kg | 74  | *        | 8   |                  | 83                | 144         | 20  |
| bis(2-Chloroethoxy)methane  | 1900               |                          | 1600             | ug/Kg | 84  |          | 0   |                  | 68                | 112         | 20  |
| 2,4-Dichlorophenol          | 1900               |                          | 1800             | ug/Kg | 95  |          | 0   |                  | 72                | 118         | 20  |
| 1,2,4-Trichlorobenzene      | 1900               |                          | 1700             | ug/Kg | 89  |          | 6   |                  | 57                | 103         | 20  |
| Benzoic acid                | 1900               |                          | 1800             | ug/Kg | 95  |          | 7   |                  | 50                | 104         | 20  |
| Naphthalene                 | 1900               |                          | 1600             | ug/Kg | 84  |          | 0   |                  | 72                | 110         | 20  |
| 4-Chloroaniline             | 1900               |                          | 540              | ug/Kg | 28  |          | 15  |                  | 10                | 100         | 20  |
| Hexachlorobutadiene         | 1900               |                          | 1600             | ug/Kg | 84  |          | 6   |                  | 66                | 114         | 20  |
| Caprolactam                 | 1900               |                          | 1800             | ug/Kg | 95  |          | 7   |                  | 51                | 134         | 20  |
| 4-Chloro-3-methylphenol     | 1900               |                          | 1800             | ug/Kg | 95  |          | 7   |                  | 57                | 132         | 20  |
| 2-Methylnaphthalene         | 1900               |                          | 1600             | ug/Kg | 84  |          | 6   |                  | 59                | 123         | 20  |
| Hexachlorocyclopentadiene   | 3700               |                          | 3700             | ug/Kg | 100 |          | 5   |                  | 10                | 175         | 20  |
| 2,4,6-Trichlorophenol       | 1900               |                          | 1800             | ug/Kg | 95  |          | 7   |                  | 72                | 117         | 20  |
| 2,4,5-Trichlorophenol       | 1900               |                          | 1700             | ug/Kg | 89  |          | 6   |                  | 72                | 117         | 20  |
| 1,1-Biphenyl                | 1900               |                          | 1600             | ug/Kg | 84  |          | 0   |                  | 75                | 113         | 20  |
| 2-Chloronaphthalene         | 1900               |                          | 1700             | ug/Kg | 89  |          | 6   |                  | 67                | 118         | 20  |
| 2-Nitroaniline              | 1900               |                          | 1800             | ug/Kg | 95  |          | 7   |                  | 69                | 127         | 20  |
| Dimethylphthalate           | 1900               |                          | 1700             | ug/Kg | 89  |          | 6   |                  | 70                | 113         | 20  |
| Acenaphthylene              | 1900               |                          | 1700             | ug/Kg | 89  |          | 0   |                  | 79                | 118         | 20  |
| 2,6-Dinitrotoluene          | 1900               |                          | 1800             | ug/Kg | 95  |          | 7   |                  | 70                | 125         | 20  |
| 3-Nitroaniline              | 1900               |                          | 1100             | ug/Kg | 58  |          | 13  |                  | 20                | 111         | 20  |
| Acenaphthene                | 1900               |                          | 1600             | ug/Kg | 84  |          | 0   |                  | 70                | 121         | 20  |
| Total PAH                   | 30400              |                          | 27300            | ug/Kg | 90  |          | 5   |                  | 70                | 121         | 20  |
| 2,4-Dinitrophenol           | 3700               |                          | 3600             | ug/Kg | 97  |          | 5   |                  | 16                | 160         | 20  |
| 4-Nitrophenol               | 3700               |                          | 3700             | ug/Kg | 100 |          | 5   |                  | 45                | 133         | 20  |
| Dibenzofuran                | 1900               |                          | 1600             | ug/Kg | 84  |          | 0   |                  | 72                | 110         | 20  |
| 2,4-Dinitrotoluene          | 1900               |                          | 2000             | ug/Kg | 105 |          | 10  |                  | 55                | 128         | 20  |

**Matrix Spike/Matrix Spike Duplicate Summary**  
**SW-846**

**SDG No.:** BG031524

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

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

| Parameter                         | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Limits |      |     |
|-----------------------------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|--------|------|-----|
|                                   |       |                  |        |       |     |             |     |             | Low    | High | RPD |
| 2,4-Dinitrotoluene/2,6-Dinitrotol | 3800  |                  | 3800   | ug/Kg | 100 |             | 8   |             | 55     | 128  | 20  |
| Diethylphthalate                  | 1900  |                  | 1600   | ug/Kg | 84  |             | 0   |             | 70     | 112  | 20  |
| 4-Chlorophenyl-phenylether        | 1900  |                  | 1600   | ug/Kg | 84  |             | 0   |             | 71     | 108  | 20  |
| Fluorene                          | 1900  |                  | 1600   | ug/Kg | 84  |             | 0   |             | 68     | 116  | 20  |
| 4-Nitroaniline                    | 1900  |                  | 1700   | ug/Kg | 89  |             | 6   |             | 55     | 120  | 20  |
| 4,6-Dinitro-2-methylphenol        | 1900  |                  | 1900   | ug/Kg | 100 |             | 0   |             | 32     | 145  | 20  |
| N-Nitrosodiphenylamine            | 1900  |                  | 1700   | ug/Kg | 89  |             | 6   |             | 73     | 118  | 20  |
| Azobenzene                        | 1900  |                  | 1600   | ug/Kg | 84  |             | 0   |             | 73     | 110  | 20  |
| 4-Bromophenyl-phenylether         | 1900  |                  | 1800   | ug/Kg | 95  |             | 7   |             | 65     | 121  | 20  |
| Hexachlorobenzene                 | 1900  |                  | 1800   | ug/Kg | 95  |             | 7   |             | 67     | 118  | 20  |
| Atrazine                          | 1900  |                  | 1800   | ug/Kg | 95  |             | 7   |             | 79     | 127  | 20  |
| Pentachlorophenol                 | 3700  |                  | 3400   | ug/Kg | 92  |             | 3   |             | 47     | 128  | 20  |
| Phenanthrene                      | 1900  |                  | 1600   | ug/Kg | 84  |             | 0   |             | 72     | 113  | 20  |
| Anthracene                        | 1900  |                  | 1700   | ug/Kg | 89  |             | 6   |             | 62     | 124  | 20  |
| Carbazole                         | 1900  |                  | 1700   | ug/Kg | 89  |             | 6   |             | 59     | 119  | 20  |
| Di-n-butylphthalate               | 1900  |                  | 1700   | ug/Kg | 89  |             | 0   |             | 69     | 118  | 20  |
| Fluoranthene                      | 1900  |                  | 1700   | ug/Kg | 89  |             | 6   |             | 59     | 125  | 20  |
| Benzidine                         | 3700  |                  | 2000   | ug/Kg | 54  |             | 0   |             | 10     | 119  | 20  |
| Pyrene                            | 1900  |                  | 1700   | ug/Kg | 89  |             | 6   |             | 52     | 128  | 20  |
| Butylbenzylphthalate              | 1900  |                  | 1900   | ug/Kg | 100 |             | 12  |             | 64     | 126  | 20  |
| 3,3-Dichlorobenzidine             | 1900  |                  | 940    | ug/Kg | 49  |             | 11  |             | 10     | 164  | 20  |
| Benzo(a)anthracene                | 1900  |                  | 1700   | ug/Kg | 89  |             | 6   |             | 71     | 114  | 20  |
| Chrysene                          | 1900  |                  | 1700   | ug/Kg | 89  |             | 6   |             | 57     | 121  | 20  |
| bis(2-Ethylhexyl)phthalate        | 1900  |                  | 1800   | ug/Kg | 95  |             | 7   |             | 66     | 127  | 20  |
| Di-n-octyl phthalate              | 1900  |                  | 1900   | ug/Kg | 100 |             | 5   |             | 71     | 126  | 20  |
| Benzo(b)fluoranthene              | 1900  |                  | 1800   | ug/Kg | 95  |             | 7   |             | 67     | 121  | 20  |
| Benzo(k)fluoranthene              | 1900  |                  | 1800   | ug/Kg | 95  |             | 7   |             | 74     | 114  | 20  |
| Benzo(a)pyrene                    | 1900  |                  | 1800   | ug/Kg | 95  |             | 7   |             | 70     | 142  | 20  |
| Indeno(1,2,3-cd)pyrene            | 1900  |                  | 1800   | ug/Kg | 95  |             | 7   |             | 61     | 125  | 20  |
| Dibenz(a,h)anthracene             | 1900  |                  | 1800   | ug/Kg | 95  |             | 7   |             | 67     | 130  | 20  |
| Benzo(g,h,i)perylene              | 1900  |                  | 1700   | ug/Kg | 89  |             | 6   |             | 53     | 140  | 20  |
| 1,2,4,5-Tetrachlorobenzene        | 1900  |                  | 1700   | ug/Kg | 89  |             | 6   |             | 69     | 124  | 20  |
| 1,4-Dioxane                       | 1900  |                  | 1400   | ug/Kg | 74  |             | 0   |             | 46     | 112  | 20  |
| 2,3,4,6-Tetrachlorophenol         | 1900  |                  | 1700   | ug/Kg | 89  |             | 6   |             | 56     | 133  | 20  |
| 1-Methylnaphthalene               | 1900  |                  | 1600   | ug/Kg | 84  |             | 6   |             | 70     | 130  | 20  |



Surrogate Summary  
SW-846

SDG No.: BG031524

Client:

Analytical Method: 8270E

| Lab Sample ID | Client ID | Datafile   | Parameter            | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|----------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                      |                |                 |              |      | Low        | High |
| P1749-04      | MW-4      | BG060663.D | 2-Fluorophenol       | 150            | 55.52           | 37           |      | 10         | 139  |
|               |           |            | Phenol-d6            | 150            | 32.76           | 22           |      | 10         | 134  |
|               |           |            | Nitrobenzene-d5      | 100            | 89.03           | 89           |      | 49         | 133  |
|               |           |            | 2-Fluorobiphenyl     | 100            | 86.31           | 86           |      | 52         | 132  |
|               |           |            | 2,4,6-Tribromophenol | 150            | 148.64          | 99           |      | 32         | 145  |
|               |           |            | Terphenyl-d14        | 100            | 86.31           | 86           |      | 36         | 145  |

# Surrogate Summary

SW-846

SDG No.: BG031524

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

Analytical Method: 8270E

| Lab Sample ID | Client ID      | Datafile   | Parameter            | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|----------------|------------|----------------------|-------------|--------------|--------------|------|------------|------|
|               |                |            |                      |             |              |              |      | Low        | High |
| P1764-10      | COMP-1         | BG060669.D | 2-Fluorophenol       | 150         | 83.69        | 56           |      | 18         | 112  |
|               |                |            | Phenol-d6            | 150         | 86.76        | 58           |      | 15         | 107  |
|               |                |            | Nitrobenzene-d5      | 100         | 52.40        | 52           |      | 18         | 107  |
|               |                |            | 2-Fluorobiphenyl     | 100         | 50.97        | 51           |      | 20         | 109  |
|               |                |            | 2,4,6-Tribromophenol | 150         | 88.86        | 59           |      | 10         | 110  |
|               |                |            | Terphenyl-d14        | 100         | 52.65        | 53           |      | 14         | 112  |
| P1764-11      | COMP-2         | BG060671.D | 2-Fluorophenol       | 150         | 88.70        | 59           |      | 18         | 112  |
|               |                |            | Phenol-d6            | 150         | 90.60        | 60           |      | 15         | 107  |
|               |                |            | Nitrobenzene-d5      | 100         | 57.61        | 58           |      | 18         | 107  |
|               |                |            | 2-Fluorobiphenyl     | 100         | 55.56        | 56           |      | 20         | 109  |
|               |                |            | 2,4,6-Tribromophenol | 150         | 93.67        | 62           |      | 10         | 110  |
|               |                |            | Terphenyl-d14        | 100         | 58.22        | 58           |      | 14         | 112  |
| P1764-11MS    | COMP-2MS       | BG060672.D | 2-Fluorophenol       | 150         | 87.17        | 58           |      | 18         | 112  |
|               |                |            | Phenol-d6            | 150         | 86.01        | 57           |      | 15         | 107  |
|               |                |            | Nitrobenzene-d5      | 100         | 51.81        | 52           |      | 18         | 107  |
|               |                |            | 2-Fluorobiphenyl     | 100         | 50.02        | 50           |      | 20         | 109  |
|               |                |            | 2,4,6-Tribromophenol | 150         | 88.60        | 59           |      | 10         | 110  |
|               |                |            | Terphenyl-d14        | 100         | 51.58        | 52           |      | 14         | 112  |
| P1764-11MSD   | COMP-2MSD      | BG060673.D | 2-Fluorophenol       | 150         | 89.70        | 60           |      | 18         | 112  |
|               |                |            | Phenol-d6            | 150         | 88.02        | 59           |      | 15         | 107  |
|               |                |            | Nitrobenzene-d5      | 100         | 55.18        | 55           |      | 18         | 107  |
|               |                |            | 2-Fluorobiphenyl     | 100         | 52.60        | 53           |      | 20         | 109  |
|               |                |            | 2,4,6-Tribromophenol | 150         | 91.31        | 61           |      | 10         | 110  |
|               |                |            | Terphenyl-d14        | 100         | 55.39        | 55           |      | 14         | 112  |
| P1767-01      | NB-07-031424   | BG060675.D | 2-Fluorophenol       | 150         | 86.30        | 58           |      | 18         | 112  |
|               |                |            | Phenol-d6            | 150         | 81.57        | 54           |      | 15         | 107  |
|               |                |            | Nitrobenzene-d5      | 100         | 54.88        | 55           |      | 18         | 107  |
|               |                |            | 2-Fluorobiphenyl     | 100         | 51.31        | 51           |      | 20         | 109  |
|               |                |            | 2,4,6-Tribromophenol | 150         | 83.29        | 56           |      | 10         | 110  |
|               |                |            | Terphenyl-d14        | 100         | 49.99        | 50           |      | 14         | 112  |
| P1767-01DL    | NB-07-031424DL | BG060674.D | 2-Fluorophenol       | 150         | 89.81        | 60           |      | 18         | 112  |
|               |                |            | Phenol-d6            | 150         | 91.25        | 61           |      | 15         | 107  |
|               |                |            | Nitrobenzene-d5      | 100         | 58.29        | 58           |      | 18         | 107  |
|               |                |            | 2-Fluorobiphenyl     | 100         | 56.40        | 56           |      | 20         | 109  |
|               |                |            | 2,4,6-Tribromophenol | 150         | 86.13        | 57           |      | 10         | 110  |
|               |                |            | Terphenyl-d14        | 100         | 59.09        | 59           |      | 14         | 112  |
| P1771-03      | COMP-2         | BG060664.D | 2-Fluorophenol       | 150         | 88.83        | 59           |      | 18         | 112  |
|               |                |            | Phenol-d6            | 150         | 88.05        | 59           |      | 15         | 107  |
|               |                |            | Nitrobenzene-d5      | 100         | 61.23        | 61           |      | 18         | 107  |
|               |                |            | 2-Fluorobiphenyl     | 100         | 61.35        | 61           |      | 20         | 109  |
|               |                |            | 2,4,6-Tribromophenol | 150         | 92.44        | 62           |      | 10         | 110  |
|               |                |            | Terphenyl-d14        | 100         | 57.56        | 58           |      | 14         | 112  |
| PB159608BL    | PB159608BL     | BG060661.D | 2-Fluorophenol       | 150         | 140.69       | 94           |      | 18         | 112  |
|               |                |            | Phenol-d6            | 150         | 135.42       | 90           |      | 15         | 107  |
|               |                |            | Nitrobenzene-d5      | 100         | 82.46        | 82           |      | 18         | 107  |
|               |                |            | 2-Fluorobiphenyl     | 100         | 79.95        | 80           |      | 20         | 109  |
|               |                |            | 2,4,6-Tribromophenol | 150         | 137.79       | 92           |      | 10         | 110  |
|               |                |            | Terphenyl-d14        | 100         | 78.47        | 78           |      | 14         | 112  |
| PB159608BS    | PB159608BS     | BG060662.D | 2-Fluorophenol       | 150         | 151.80       | 101          |      | 18         | 112  |
|               |                |            | Phenol-d6            | 150         | 144.58       | 96           |      | 15         | 107  |
|               |                |            | Nitrobenzene-d5      | 100         | 90.37        | 90           |      | 18         | 107  |



Surrogate Summary  
SW-846

SDG No.: BG031524

Client:

Analytical Method: 8270E

| Lab Sample ID | Client ID  | Datafile   | Parameter            | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|----------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                      |                |                 |              |      | Low        | High |
| PB159608BS    | PB159608BS | BG060662.D | 2-Fluorobiphenyl     | 100            | 86.48           | 86           |      | 20         | 109  |
|               |            |            | 2,4,6-Tribromophenol | 150            | 150.93          | 101          |      | 10         | 110  |
|               |            |            | Terphenyl-d14        | 100            | 83.14           | 83           |      | 14         | 112  |



## Surrogate Summary

SW-846

SDG No.: BG031524

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

Analytical Method: 8270E

| Lab Sample ID | Client ID  | Datafile   | Parameter            | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|----------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                      |                |                 |              |      | Low        | High |
| P1769-01      | MW-2       | BG060665.D | 2-Fluorophenol       | 150            | 60.21           | 40           |      | 10         | 139  |
|               |            |            | Phenol-d6            | 150            | 29.58           | 20           |      | 10         | 134  |
|               |            |            | Nitrobenzene-d5      | 100            | 96.37           | 96           |      | 49         | 133  |
|               |            |            | 2-Fluorobiphenyl     | 100            | 86.89           | 87           |      | 52         | 132  |
|               |            |            | 2,4,6-Tribromophenol | 150            | 151.69          | 101          |      | 32         | 145  |
|               |            |            | Terphenyl-d14        | 100            | 92.04           | 92           |      | 36         | 145  |
| P1769-02      | MW-1       | BG060666.D | 2-Fluorophenol       | 150            | 58.69           | 39           |      | 10         | 139  |
|               |            |            | Phenol-d6            | 150            | 35.64           | 24           |      | 10         | 134  |
|               |            |            | Nitrobenzene-d5      | 100            | 96.93           | 97           |      | 49         | 133  |
|               |            |            | 2-Fluorobiphenyl     | 100            | 87.67           | 88           |      | 52         | 132  |
|               |            |            | 2,4,6-Tribromophenol | 150            | 155.79          | 104          |      | 32         | 145  |
|               |            |            | Terphenyl-d14        | 100            | 90.23           | 90           |      | 36         | 145  |
| P1769-03      | FB-3-14-24 | BG060667.D | 2-Fluorophenol       | 150            | 59.85           | 40           |      | 10         | 139  |
|               |            |            | Phenol-d6            | 150            | 35.95           | 24           |      | 10         | 134  |
|               |            |            | Nitrobenzene-d5      | 100            | 90.33           | 90           |      | 49         | 133  |
|               |            |            | 2-Fluorobiphenyl     | 100            | 82.53           | 83           |      | 52         | 132  |
|               |            |            | 2,4,6-Tribromophenol | 150            | 145.05          | 97           |      | 32         | 145  |
|               |            |            | Terphenyl-d14        | 100            | 89.58           | 90           |      | 36         | 145  |
| P1773-02      | MW-6A      | BG060668.D | 2-Fluorophenol       | 150            | 54.31           | 36           |      | 10         | 139  |
|               |            |            | Phenol-d6            | 150            | 32.20           | 21           |      | 10         | 134  |
|               |            |            | Nitrobenzene-d5      | 100            | 90.15           | 90           |      | 49         | 133  |
|               |            |            | 2-Fluorobiphenyl     | 100            | 88.59           | 89           |      | 52         | 132  |
|               |            |            | 2,4,6-Tribromophenol | 150            | 155.27          | 104          |      | 32         | 145  |
|               |            |            | Terphenyl-d14        | 100            | 90.63           | 91           |      | 36         | 145  |
| P1773-03      | PMW-1      | BG060670.D | 2-Fluorophenol       | 150            | 51.35           | 34           |      | 10         | 139  |
|               |            |            | Phenol-d6            | 150            | 30.30           | 20           |      | 10         | 134  |
|               |            |            | Nitrobenzene-d5      | 100            | 79.41           | 79           |      | 49         | 133  |
|               |            |            | 2-Fluorobiphenyl     | 100            | 78.21           | 78           |      | 52         | 132  |
|               |            |            | 2,4,6-Tribromophenol | 150            | 130.00          | 87           |      | 32         | 145  |
|               |            |            | Terphenyl-d14        | 100            | 78.32           | 78           |      | 36         | 145  |



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG031524

Lab Code: CHEM

SAS No.: BG031524 SDG NO.: BG031524

Lab File ID: BG060659.D

DFTPP Injection Date: 03/15/2024

Instrument ID: BNA\_G

DFTPP Injection Time: 11:03

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 45.9                 |
| 68  | Less than 2.0% of mass 69          | 0.3 ( 0.8 ) 1        |
| 69  | Mass 69 relative abundance         | 37.5                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.3 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 43.9                 |
| 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            | 7.1                  |
| 275 | 10.0 - 60.0% of mass 198           | 28                   |
| 365 | Greater than 1% of mass 198        | 4.2                  |
| 441 | Present, but less than mass 443    | 13.9                 |
| 442 | Greater than 50% of mass 198       | 86.1                 |
| 443 | 15.0 - 24.0% of mass 442           | 17.2 ( 19.9 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|----------------|---------------|-------------|---------------|---------------|
| SSTDCCC040     | SSTDCCC040    | BG060660.D  | 03/15/2024    | 11:44         |
| PB159608BL     | PB159608BL    | BG060661.D  | 03/15/2024    | 12:24         |
| PB159608BS     | PB159608BS    | BG060662.D  | 03/15/2024    | 13:05         |
| MW-4           | P1749-04      | BG060663.D  | 03/15/2024    | 13:46         |
| COMP-2         | P1771-03      | BG060664.D  | 03/15/2024    | 14:27         |
| MW-2           | P1769-01      | BG060665.D  | 03/15/2024    | 16:08         |
| MW-1           | P1769-02      | BG060666.D  | 03/15/2024    | 16:49         |
| FB-3-14-24     | P1769-03      | BG060667.D  | 03/15/2024    | 17:29         |
| MW-6A          | P1773-02      | BG060668.D  | 03/15/2024    | 18:10         |
| COMP-1         | P1764-10      | BG060669.D  | 03/15/2024    | 18:51         |
| PMW-1          | P1773-03      | BG060670.D  | 03/15/2024    | 19:31         |
| COMP-2         | P1764-11      | BG060671.D  | 03/15/2024    | 20:12         |
| COMP-2MS       | P1764-11MS    | BG060672.D  | 03/15/2024    | 20:52         |
| COMP-2MSD      | P1764-11MSD   | BG060673.D  | 03/15/2024    | 21:33         |
| NB-07-031424DL | P1767-01DL    | BG060674.D  | 03/15/2024    | 22:13         |
| NB-07-031424   | P1767-01      | BG060675.D  | 03/15/2024    | 22:54         |