

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG No.: BN082024

Instrument ID: BNA\_N Calibration Date/Time: 8/20/2024 1:15:51

Lab File ID: BN033507.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                   | RRF   | RRF0.4 | MIN RRF | %D      | MAX%D |
|----------------------------|-------|--------|---------|---------|-------|
| 2-Methylnaphthalene-d10    | 0.572 | 0.507  |         | -11.364 | 20.0  |
| Fluoranthene-d10           | 0.961 | 0.788  |         | -18.002 | 20.0  |
| n-Nitrosodimethylamine     | 0.535 | 0.474  |         | -11.402 | 20.0  |
| 2-Fluorophenol             | 1.271 | 1.002  |         | -21.164 | 20.0  |
| Phenol-d6                  | 1.512 | 1.276  |         | -15.608 | 20.0  |
| bis(2-Chloroethyl) ether   | 1.072 | 1.007  |         | -6.063  | 20.0  |
| Nitrobenzene-d5            | 0.332 | 0.279  |         | -15.964 | 20.0  |
| Naphthalene                | 1.069 | 0.968  |         | -9.448  | 20.0  |
| Hexachlorobutadiene        | 0.213 | 0.196  |         | -7.981  | 20.0  |
| 2-Methylnaphthalene        | 0.677 | 0.607  |         | -10.34  | 20.0  |
| 2-Fluorobiphenyl           | 1.634 | 1.523  |         | -6.793  | 20.0  |
| Acenaphthylene             | 1.754 | 1.480  |         | -15.621 | 20.0  |
| Acenaphthene               | 1.234 | 1.092  |         | -11.507 | 20.0  |
| Fluorene                   | 1.555 | 1.355  |         | -12.862 | 20.0  |
| 4,6-Dinitro-2-methylphenol | 0.062 | 0.042  |         | -32.258 | 20.0  |
| 2,4,6-Tribromophenol       | 0.215 | 0.149  |         | -30.698 | 20.0  |
| 4-Bromophenyl-phenylether  | 0.243 | 0.220  |         | -9.465  | 20.0  |
| Hexachlorobenzene          | 0.268 | 0.252  |         | -5.97   | 20.0  |
| Atrazine                   | 0.194 | 0.155  |         | -20.103 | 20.0  |
| Pentachlorophenol          | 0.116 | 0.080  |         | -31.034 | 20.0  |
| Phenanthrene               | 1.113 | 1.029  |         | -7.547  | 20.0  |
| Anthracene                 | 0.985 | 0.833  |         | -15.431 | 20.0  |
| Fluoranthene               | 1.230 | 1.036  |         | -15.772 | 20.0  |
| Pyrene                     | 1.785 | 1.689  |         | -5.378  | 20.0  |
| Terphenyl-d14              | 0.909 | 0.822  |         | -9.571  | 20.0  |
| Benzo(a)anthracene         | 1.446 | 1.307  |         | -9.613  | 20.0  |
| Chrysene                   | 1.437 | 1.359  |         | -5.428  | 20.0  |
| Bis(2-ethylhexyl)phthalate | 0.915 | 0.681  |         | -25.574 | 20.0  |
| Benzo(b)fluoranthene       | 1.494 | 1.410  |         | -5.622  | 20.0  |
| Benzo(k)fluoranthene       | 1.470 | 1.388  |         | -5.578  | 20.0  |
| Benzo(a)pyrene             | 1.236 | 1.066  |         | -13.754 | 20.0  |
| Indeno(1,2,3-cd)pyrene     | 1.661 | 1.583  |         | -4.696  | 20.0  |
| Dibenzo(a,h)anthracene     | 1.328 | 1.262  |         | -4.97   | 20.0  |
| Benzo(g,h,i)perylene       | 1.420 | 1.318  |         | -7.183  | 20.0  |
| 1,4-Dioxane                | 0.460 | 0.411  |         | -10.652 | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG No.: BN082024

Instrument ID: BNA\_N Calibration Date/Time: 8/21/2024 1:02:07

Lab File ID: BN033524.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTDCCC0.4EC Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                   | RRF   | RRF0.4 | MIN RRF | %D      | MAX%D |
|----------------------------|-------|--------|---------|---------|-------|
| 2-Methylnaphthalene-d10    | 0.572 | 0.511  |         | -10.664 | 50.0  |
| Fluoranthene-d10           | 0.961 | 0.801  |         | -16.649 | 50.0  |
| n-Nitrosodimethylamine     | 0.535 | 0.498  |         | -6.916  | 50.0  |
| 2-Fluorophenol             | 1.271 | 0.942  |         | -25.885 | 50.0  |
| Phenol-d6                  | 1.512 | 1.208  |         | -20.106 | 50.0  |
| bis(2-Chloroethyl) ether   | 1.072 | 1.030  |         | -3.918  | 50.0  |
| Nitrobenzene-d5            | 0.332 | 0.289  |         | -12.952 | 50.0  |
| Naphthalene                | 1.069 | 1.004  |         | -6.08   | 50.0  |
| Hexachlorobutadiene        | 0.213 | 0.201  |         | -5.634  | 50.0  |
| 2-Methylnaphthalene        | 0.677 | 0.633  |         | -6.499  | 50.0  |
| 2-Fluorobiphenyl           | 1.634 | 1.542  |         | -5.63   | 50.0  |
| Acenaphthylene             | 1.754 | 1.541  |         | -12.144 | 50.0  |
| Acenaphthene               | 1.234 | 1.133  |         | -8.185  | 50.0  |
| Fluorene                   | 1.555 | 1.416  |         | -8.939  | 50.0  |
| 4,6-Dinitro-2-methylphenol | 0.062 | 0.041  |         | -33.871 | 50.0  |
| 2,4,6-Tribromophenol       | 0.215 | 0.148  |         | -31.163 | 50.0  |
| 4-Bromophenyl-phenylether  | 0.243 | 0.227  |         | -6.584  | 50.0  |
| Hexachlorobenzene          | 0.268 | 0.260  |         | -2.985  | 50.0  |
| Atrazine                   | 0.194 | 0.160  |         | -17.526 | 50.0  |
| Pentachlorophenol          | 0.116 | 0.078  |         | -32.759 | 50.0  |
| Phenanthrene               | 1.113 | 1.082  |         | -2.785  | 50.0  |
| Anthracene                 | 0.985 | 0.896  |         | -9.036  | 50.0  |
| Fluoranthene               | 1.230 | 1.085  |         | -11.789 | 50.0  |
| Pyrene                     | 1.785 | 1.806  |         | 1.176   | 50.0  |
| Terphenyl-d14              | 0.909 | 0.818  |         | -10.011 | 50.0  |
| Benzo(a)anthracene         | 1.446 | 1.312  |         | -9.267  | 50.0  |
| Chrysene                   | 1.437 | 1.388  |         | -3.41   | 50.0  |
| Bis(2-ethylhexyl)phthalate | 0.915 | 0.829  |         | -9.399  | 50.0  |
| Benzo(b)fluoranthene       | 1.494 | 1.409  |         | -5.689  | 50.0  |
| Benzo(k)fluoranthene       | 1.470 | 1.411  |         | -4.014  | 50.0  |
| Benzo(a)pyrene             | 1.236 | 1.130  |         | -8.576  | 50.0  |
| Indeno(1,2,3-cd)pyrene     | 1.661 | 1.630  |         | -1.866  | 50.0  |
| Dibenzo(a,h)anthracene     | 1.328 | 1.299  |         | -2.184  | 50.0  |
| Benzo(g,h,i)perylene       | 1.420 | 1.359  |         | -4.296  | 50.0  |
| 1,4-Dioxane                | 0.460 | 0.383  |         | -16.739 | 50.0  |

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG No.: BN082024

Instrument ID: BNA\_N Calibration Date/Time: 8/21/2024 1:04:38

Lab File ID: BN033526.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                   | RRF   | RRF0.4 | MIN RRF | %D      | MAX%D |
|----------------------------|-------|--------|---------|---------|-------|
| 2-Methylnaphthalene-d10    | 0.572 | 0.512  |         | -10.49  | 20.0  |
| Fluoranthene-d10           | 0.961 | 0.807  |         | -16.025 | 20.0  |
| n-Nitrosodimethylamine     | 0.535 | 0.483  |         | -9.72   | 20.0  |
| 2-Fluorophenol             | 1.271 | 1.026  |         | -19.276 | 20.0  |
| Phenol-d6                  | 1.512 | 1.293  |         | -14.484 | 20.0  |
| bis(2-Chloroethyl) ether   | 1.072 | 1.005  |         | -6.25   | 20.0  |
| Nitrobenzene-d5            | 0.332 | 0.282  |         | -15.06  | 20.0  |
| Naphthalene                | 1.069 | 0.977  |         | -8.606  | 20.0  |
| Hexachlorobutadiene        | 0.213 | 0.198  |         | -7.042  | 20.0  |
| 2-Methylnaphthalene        | 0.677 | 0.609  |         | -10.044 | 20.0  |
| 2-Fluorobiphenyl           | 1.634 | 1.537  |         | -5.936  | 20.0  |
| Acenaphthylene             | 1.754 | 1.496  |         | -14.709 | 20.0  |
| Acenaphthene               | 1.234 | 1.104  |         | -10.535 | 20.0  |
| Fluorene                   | 1.555 | 1.349  |         | -13.248 | 20.0  |
| 4,6-Dinitro-2-methylphenol | 0.062 | 0.039  |         | -37.097 | 20.0  |
| 2,4,6-Tribromophenol       | 0.215 | 0.151  |         | -29.767 | 20.0  |
| 4-Bromophenyl-phenylether  | 0.243 | 0.218  |         | -10.288 | 20.0  |
| Hexachlorobenzene          | 0.268 | 0.251  |         | -6.343  | 20.0  |
| Atrazine                   | 0.194 | 0.159  |         | -18.041 | 20.0  |
| Pentachlorophenol          | 0.116 | 0.080  |         | -31.034 | 20.0  |
| Phenanthrene               | 1.113 | 1.027  |         | -7.727  | 20.0  |
| Anthracene                 | 0.985 | 0.845  |         | -14.213 | 20.0  |
| Fluoranthene               | 1.230 | 1.060  |         | -13.821 | 20.0  |
| Pyrene                     | 1.785 | 1.610  |         | -9.804  | 20.0  |
| Terphenyl-d14              | 0.909 | 0.777  |         | -14.521 | 20.0  |
| Benzo(a)anthracene         | 1.446 | 1.319  |         | -8.783  | 20.0  |
| Chrysene                   | 1.437 | 1.363  |         | -5.15   | 20.0  |
| Bis(2-ethylhexyl)phthalate | 0.915 | 1.007  |         | 10.055  | 20.0  |
| Benzo(b)fluoranthene       | 1.494 | 1.284  |         | -14.056 | 20.0  |
| Benzo(k)fluoranthene       | 1.470 | 1.330  |         | -9.524  | 20.0  |
| Benzo(a)pyrene             | 1.236 | 1.048  |         | -15.21  | 20.0  |
| Indeno(1,2,3-cd)pyrene     | 1.661 | 1.566  |         | -5.719  | 20.0  |
| Dibenzo(a,h)anthracene     | 1.328 | 1.238  |         | -6.777  | 20.0  |
| Benzo(g,h,i)perylene       | 1.420 | 1.276  |         | -10.141 | 20.0  |
| 1,4-Dioxane                | 0.460 | 0.387  |         | -15.87  | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG No.: BN082024

Instrument ID: BNA\_N Calibration Date/Time: 8/21/2024 1:14:18

Lab File ID: BN033542.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTDCCC0.4EC Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                   | RRF   | RRF0.4 | MIN RRF | %D      | MAX%D |
|----------------------------|-------|--------|---------|---------|-------|
| 2-Methylnaphthalene-d10    | 0.572 | 0.508  |         | -11.189 | 50.0  |
| Fluoranthene-d10           | 0.961 | 0.784  |         | -18.418 | 50.0  |
| n-Nitrosodimethylamine     | 0.535 | 0.460  |         | -14.019 | 50.0  |
| 2-Fluorophenol             | 1.271 | 0.941  |         | -25.964 | 50.0  |
| Phenol-d6                  | 1.512 | 1.189  |         | -21.362 | 50.0  |
| bis(2-Chloroethyl) ether   | 1.072 | 1.065  |         | -0.653  | 50.0  |
| Nitrobenzene-d5            | 0.332 | 0.290  |         | -12.651 | 50.0  |
| Naphthalene                | 1.069 | 1.005  |         | -5.987  | 50.0  |
| Hexachlorobutadiene        | 0.213 | 0.203  |         | -4.695  | 50.0  |
| 2-Methylnaphthalene        | 0.677 | 0.624  |         | -7.829  | 50.0  |
| 2-Fluorobiphenyl           | 1.634 | 1.564  |         | -4.284  | 50.0  |
| Acenaphthylene             | 1.754 | 1.607  |         | -8.381  | 50.0  |
| Acenaphthene               | 1.234 | 1.123  |         | -8.995  | 50.0  |
| Fluorene                   | 1.555 | 1.370  |         | -11.897 | 50.0  |
| 4,6-Dinitro-2-methylphenol | 0.062 | 0.025  |         | -59.677 | 50.0  |
| 2,4,6-Tribromophenol       | 0.215 | 0.139  |         | -35.349 | 50.0  |
| 4-Bromophenyl-phenylether  | 0.243 | 0.237  |         | -2.469  | 50.0  |
| Hexachlorobenzene          | 0.268 | 0.271  |         | 1.119   | 50.0  |
| Atrazine                   | 0.194 | 0.167  |         | -13.918 | 50.0  |
| Pentachlorophenol          | 0.116 | 0.082  |         | -29.31  | 50.0  |
| Phenanthrene               | 1.113 | 1.051  |         | -5.571  | 50.0  |
| Anthracene                 | 0.985 | 0.907  |         | -7.919  | 50.0  |
| Fluoranthene               | 1.230 | 1.062  |         | -13.659 | 50.0  |
| Pyrene                     | 1.785 | 1.648  |         | -7.675  | 50.0  |
| Terphenyl-d14              | 0.909 | 0.736  |         | -19.032 | 50.0  |
| Benzo(a)anthracene         | 1.446 | 1.400  |         | -3.181  | 50.0  |
| Chrysene                   | 1.437 | 1.373  |         | -4.454  | 50.0  |
| Bis(2-ethylhexyl)phthalate | 0.915 | 0.832  |         | -9.071  | 50.0  |
| Benzo(b)fluoranthene       | 1.494 | 1.366  |         | -8.568  | 50.0  |
| Benzo(k)fluoranthene       | 1.470 | 1.353  |         | -7.959  | 50.0  |
| Benzo(a)pyrene             | 1.236 | 1.172  |         | -5.178  | 50.0  |
| Indeno(1,2,3-cd)pyrene     | 1.661 | 1.618  |         | -2.589  | 50.0  |
| Dibenzo(a,h)anthracene     | 1.328 | 1.275  |         | -3.991  | 50.0  |
| Benzo(g,h,i)perylene       | 1.420 | 1.372  |         | -3.38   | 50.0  |
| 1,4-Dioxane                | 0.460 | 0.385  |         | -16.304 | 50.0  |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 8/16/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/16/2024 12:00:00 AM |
| Client Sample ID:  | PB162787BL             | SDG No.:        | BN082024              |
| Lab Sample ID:     | PB162787BL             | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified          | % 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 |
| BN033508.D        | 1         | 8/16/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162787      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.03  | U         | 0.03 | 0.2 | 0.2        | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-20-3        | Naphthalene                | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 83-32-9        | Acenaphthene               | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| Total PAH      | Total PAH                  | 0.45  | U         | 0.45 | 0.1 | 1.6        | ug/L  |
| 86-73-7        | Fluorene                   | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 0.14  | U         | 0.14 | 0.2 | 0.2        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 1912-24-9      | Atrazine                   | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.09  | U         | 0.09 | 0.2 | 0.2        | ug/L  |
| 85-01-8        | Phenanthrene               | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 120-12-7       | Anthracene                 | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 206-44-0       | Fluoranthene               | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 129-00-0       | Pyrene                     | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 218-01-9       | Chrysene                   | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.14  | U         | 0.14 | 0.2 | 0.2        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.06  | U         | 0.06 | 0.1 | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.04  | U         | 0.04 | 0.1 | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.04  | U         | 0.04 | 0.1 | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.04  | U         | 0.04 | 0.1 | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 0.07  | U         | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 8/16/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/16/2024 12:00:00 AM |
| Client Sample ID:  | PB162787BL             | SDG No.:        | BN082024              |
| Lab Sample ID:     | PB162787BL             | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified          | % 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 |
| BN033508.D        | 1         | 8/16/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162787      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.304 |           | 20-139 |     | 76         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.295 |           | 30-150 |     | 74         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.257 |           | 10-100 |     | 64         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.253 |           | 10-100 |     | 63         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.307 |           | 27-123 |     | 77         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.34  |           | 34-132 |     | 85         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.184 |           | 10-131 |     | 46         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.339 |           | 35-157 |     | 85         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 8441  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 21567 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 9670  | 14.188    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 18285 | 16.942    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 11101 | 21.148    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 11428 | 23.317    |        |     |            |           |

## Report of Analysis

|                    |                        |                 |                              |
|--------------------|------------------------|-----------------|------------------------------|
| Client:            |                        | Date Collected: | 8/20/2024 12:00:00 AM        |
| Project:           |                        | Date Received:  | 8/20/2024 12:00:00 AM        |
| Client Sample ID:  | PB162851BL             | SDG No.:        | BN082024                     |
| Lab Sample ID:     | PB162851BL             | Matrix:         | Water                        |
| Analytical Method: | 8270-Modified          | % 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 |
| BN033509.D        | 1         | 8/20/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162851      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.03  | U         | 0.03 | 0.2 | 0.2        | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-20-3        | Naphthalene                | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 83-32-9        | Acenaphthene               | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| Total PAH      | Total PAH                  | 0.45  | U         | 0.45 | 0.1 | 1.6        | ug/L  |
| 86-73-7        | Fluorene                   | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 0.14  | U         | 0.14 | 0.2 | 0.2        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 1912-24-9      | Atrazine                   | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.09  | U         | 0.09 | 0.2 | 0.2        | ug/L  |
| 85-01-8        | Phenanthrene               | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 120-12-7       | Anthracene                 | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 206-44-0       | Fluoranthene               | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 129-00-0       | Pyrene                     | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 218-01-9       | Chrysene                   | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.14  | U         | 0.14 | 0.2 | 0.2        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.06  | U         | 0.06 | 0.1 | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.04  | U         | 0.04 | 0.1 | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.04  | U         | 0.04 | 0.1 | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.04  | U         | 0.04 | 0.1 | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 0.07  | U         | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 8/20/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/20/2024 12:00:00 AM |
| Client Sample ID:  | PB162851BL             | SDG No.:        | BN082024              |
| Lab Sample ID:     | PB162851BL             | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified          | % 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 |
| BN033509.D        | 1         | 8/20/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162851      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.346 |           | 20-139 |     | 86         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.34  |           | 30-150 |     | 85         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.293 |           | 10-100 |     | 73         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.288 |           | 10-100 |     | 72         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.351 |           | 27-123 |     | 88         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.398 |           | 34-132 |     | 100        | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.21  |           | 10-131 |     | 52         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.383 |           | 35-157 |     | 96         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 6669  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 16888 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 7342  | 14.189    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 13979 | 16.942    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 8601  | 21.148    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 8871  | 23.314    |        |     |            |           |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/13/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/13/2024 12:00:00 AM |
| Client Sample ID:  | TT189D2-HYD-20240813  | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3623-02              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN033510.D        | 1         | 8/16/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162787      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.03  | U         | 0.03 | 0.2 | 0.2        | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-20-3        | Naphthalene                | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 83-32-9        | Acenaphthene               | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| Total PAH      | Total PAH                  | 0.45  | U         | 0.45 | 0.1 | 1.6        | ug/L  |
| 86-73-7        | Fluorene                   | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 0.14  | U         | 0.14 | 0.2 | 0.2        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 1912-24-9      | Atrazine                   | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.09  | U         | 0.09 | 0.2 | 0.2        | ug/L  |
| 85-01-8        | Phenanthrene               | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 120-12-7       | Anthracene                 | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 206-44-0       | Fluoranthene               | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 129-00-0       | Pyrene                     | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 218-01-9       | Chrysene                   | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.14  | U         | 0.14 | 0.2 | 0.2        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.06  | U         | 0.06 | 0.1 | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.04  | U         | 0.04 | 0.1 | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.04  | U         | 0.04 | 0.1 | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.04  | U         | 0.04 | 0.1 | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 0.61  |           | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/13/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/13/2024 12:00:00 AM |
| Client Sample ID:  | TT189D2-HYD-20240813  | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3623-02              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN033510.D        | 1         | 8/16/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162787      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.01  | *         | 20-139 |     | 2          | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.15  |           | 30-150 |     | 38         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.01  | *         | 10-100 |     | 2          | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.001 | *         | 10-100 |     | 0          | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.257 |           | 27-123 |     | 64         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.272 |           | 34-132 |     | 68         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.126 |           | 10-131 |     | 31         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.408 |           | 35-157 |     | 102        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7969  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 20639 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 9824  | 14.189    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 19545 | 16.942    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 11531 | 21.139    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 10260 | 23.315    |        |     |            |           |

## Report of Analysis

|                    |                      |                 |                       |
|--------------------|----------------------|-----------------|-----------------------|
| Client:            |                      | Date Collected: | 8/14/2024 12:00:00 AM |
| Project:           |                      | Date Received:  | 8/14/2024 12:00:00 AM |
| Client Sample ID:  | BPOW6-7-HYD-20240814 | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3623-03             | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified        | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 980                  | 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 |
| BN033511.D        | 1         | 8/16/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162787      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.03  | U         | 0.03 | 0.2 | 0.2        | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-20-3        | Naphthalene                | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 83-32-9        | Acenaphthene               | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| Total PAH      | Total PAH                  | 0.45  | U         | 0.45 | 0.1 | 1.6        | ug/L  |
| 86-73-7        | Fluorene                   | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 0.14  | U         | 0.14 | 0.2 | 0.2        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 1912-24-9      | Atrazine                   | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.09  | U         | 0.09 | 0.2 | 0.2        | ug/L  |
| 85-01-8        | Phenanthrene               | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 120-12-7       | Anthracene                 | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 206-44-0       | Fluoranthene               | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 129-00-0       | Pyrene                     | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 218-01-9       | Chrysene                   | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.14  | U         | 0.14 | 0.2 | 0.2        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.06  | U         | 0.06 | 0.1 | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.04  | U         | 0.04 | 0.1 | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.04  | U         | 0.04 | 0.1 | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.04  | U         | 0.04 | 0.1 | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 0.07  | U         | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/14/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/14/2024 12:00:00 AM |
| Client Sample ID:  | BPOW6-7-HYD-20240814  | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3623-03              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 980      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 |
| BN033511.D        | 1         | 8/16/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162787      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.019 | *         | 20-139 |     | 5          | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.205 |           | 30-150 |     | 51         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.008 | *         | 10-100 |     | 2          | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0     | U         | 10-100 |     | 0          | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.304 |           | 27-123 |     | 76         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.323 |           | 34-132 |     | 81         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.24  |           | 10-131 |     | 60         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.482 |           | 35-157 |     | 120        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7274  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 18924 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 9264  | 14.189    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 18895 | 16.942    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 10814 | 21.148    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 7999  | 23.315    |        |     |            |           |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 914-J-WS-081524       | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3645-01              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 980      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 |
| BN033512.D        | 1         | 8/16/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162787      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.03  | U         | 0.03 | 0.2 | 0.2        | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-20-3        | Naphthalene                | 0.05  | J         | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 83-32-9        | Acenaphthene               | 0.19  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| Total PAH      | Total PAH                  | 0.9   | J         | 0.45 | 0.1 | 1.6        | ug/L  |
| 86-73-7        | Fluorene                   | 0.18  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 0.14  | U         | 0.14 | 0.2 | 0.2        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 1912-24-9      | Atrazine                   | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.09  | U         | 0.09 | 0.2 | 0.2        | ug/L  |
| 85-01-8        | Phenanthrene               | 0.03  | J         | 0.02 | 0.1 | 0.1        | ug/L  |
| 120-12-7       | Anthracene                 | 0.02  | J         | 0.02 | 0.1 | 0.1        | ug/L  |
| 206-44-0       | Fluoranthene               | 0.06  | J         | 0.02 | 0.1 | 0.1        | ug/L  |
| 129-00-0       | Pyrene                     | 0.04  | J         | 0.02 | 0.1 | 0.1        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.04  | J         | 0.02 | 0.1 | 0.1        | ug/L  |
| 218-01-9       | Chrysene                   | 0.06  | J         | 0.03 | 0.1 | 0.1        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.14  | U         | 0.14 | 0.2 | 0.2        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.06  | J         | 0.03 | 0.1 | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.05  | J         | 0.03 | 0.1 | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.06  | U         | 0.06 | 0.1 | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.04  | J         | 0.04 | 0.1 | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.04  | J         | 0.04 | 0.1 | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.04  | J         | 0.04 | 0.1 | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 0.07  | U         | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 914-J-WS-081524 | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3645-01        | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified   | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 980             | Units:          | mL                    |
| Soil Aliquot Vol:  |                 | Final Vol:      | 1000                  |
|                    |                 | Test:           |                       |
| Extraction Type :  |                 | Level :         | LOW                   |
| Decanted :         |                 |                 |                       |
| Injection Volume : |                 | GPC Factor :    |                       |
|                    |                 | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN033512.D        | 1         | 8/16/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162787      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.257 |           | 20-139 |     | 64         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.282 |           | 30-150 |     | 70         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.124 |           | 10-100 |     | 31         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.088 |           | 10-100 |     | 22         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.245 |           | 27-123 |     | 61         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.276 |           | 34-132 |     | 69         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.213 |           | 10-131 |     | 53         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.32  |           | 35-157 |     | 80         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7581  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 20168 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 10160 | 14.189    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 20244 | 16.929    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 12892 | 21.148    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 12153 | 23.315    |        |     |            |           |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 916-J-WS-081524       | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3645-02              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN033513.D        | 1         | 8/16/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162787      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.03  | U         | 0.03 | 0.2 | 0.2        | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-20-3        | Naphthalene                | 0.03  | J         | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 83-32-9        | Acenaphthene               | 0.09  | J         | 0.02 | 0.1 | 0.1        | ug/L  |
| Total PAH      | Total PAH                  | 0.45  | U         | 0.45 | 0.1 | 1.6        | ug/L  |
| 86-73-7        | Fluorene                   | 0.13  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 0.14  | U         | 0.14 | 0.2 | 0.2        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 1912-24-9      | Atrazine                   | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.09  | U         | 0.09 | 0.2 | 0.2        | ug/L  |
| 85-01-8        | Phenanthrene               | 0.03  | J         | 0.02 | 0.1 | 0.1        | ug/L  |
| 120-12-7       | Anthracene                 | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 206-44-0       | Fluoranthene               | 0.06  | J         | 0.02 | 0.1 | 0.1        | ug/L  |
| 129-00-0       | Pyrene                     | 0.03  | J         | 0.02 | 0.1 | 0.1        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 218-01-9       | Chrysene                   | 0.03  | J         | 0.03 | 0.1 | 0.1        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.14  | U         | 0.14 | 0.2 | 0.2        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.06  | U         | 0.06 | 0.1 | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.04  | U         | 0.04 | 0.1 | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.04  | U         | 0.04 | 0.1 | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.04  | U         | 0.04 | 0.1 | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 0.07  | U         | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 916-J-WS-081524       | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3645-02              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN033513.D        | 1         | 8/16/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162787      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.27  |           | 20-139 |     | 68         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.33  |           | 30-150 |     | 83         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.136 |           | 10-100 |     | 34         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.089 |           | 10-100 |     | 22         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.27  |           | 27-123 |     | 68         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.306 |           | 34-132 |     | 76         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.228 |           | 10-131 |     | 57         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.293 |           | 35-157 |     | 73         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7720  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 19614 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 9099  | 14.188    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 17960 | 16.929    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 14746 | 21.139    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 14922 | 23.311    |        |     |            |           |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 916-J-WPO-0.25-081524 | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3646-02              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 970 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 |
| BN033514.D        | 1         | 8/16/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162787      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.03  | U         | 0.03 | 0.21 | 0.21       | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.03  | U         | 0.03 | 0.1  | 0.1        | ug/L  |
| 91-20-3        | Naphthalene                | 0.03  | J         | 0.02 | 0.1  | 0.1        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.03  | U         | 0.03 | 0.1  | 0.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 0.03  | U         | 0.03 | 0.1  | 0.1        | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.02  | U         | 0.02 | 0.1  | 0.1        | ug/L  |
| 83-32-9        | Acenaphthene               | 0.11  |           | 0.02 | 0.1  | 0.1        | ug/L  |
| Total PAH      | Total PAH                  | 0.46  | U         | 0.46 | 0.1  | 1.6        | ug/L  |
| 86-73-7        | Fluorene                   | 0.09  | J         | 0.02 | 0.1  | 0.1        | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 0.14  | U         | 0.14 | 0.21 | 0.21       | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.03  | U         | 0.03 | 0.1  | 0.1        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.03  | U         | 0.03 | 0.1  | 0.1        | ug/L  |
| 1912-24-9      | Atrazine                   | 0.02  | U         | 0.02 | 0.1  | 0.1        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.09  | U         | 0.09 | 0.21 | 0.21       | ug/L  |
| 85-01-8        | Phenanthrene               | 0.02  | J         | 0.02 | 0.1  | 0.1        | ug/L  |
| 120-12-7       | Anthracene                 | 0.02  | U         | 0.02 | 0.1  | 0.1        | ug/L  |
| 206-44-0       | Fluoranthene               | 0.05  | J         | 0.02 | 0.1  | 0.1        | ug/L  |
| 129-00-0       | Pyrene                     | 0.03  | J         | 0.02 | 0.1  | 0.1        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.02  | U         | 0.02 | 0.1  | 0.1        | ug/L  |
| 218-01-9       | Chrysene                   | 0.03  | U         | 0.03 | 0.1  | 0.1        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.14  | U         | 0.14 | 0.21 | 0.21       | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.03  | U         | 0.03 | 0.1  | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.04  | U         | 0.04 | 0.1  | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.06  | U         | 0.06 | 0.1  | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.04  | U         | 0.04 | 0.1  | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.04  | U         | 0.04 | 0.1  | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.04  | U         | 0.04 | 0.1  | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 0.07  | U         | 0.07 | 0.21 | 0.21       | ug/L  |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 916-J-WPO-0.25-081524 | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3646-02              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 970      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 |
| BN033514.D        | 1         | 8/16/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162787      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.259 |           | 20-139 |     | 65         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.296 |           | 30-150 |     | 74         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.124 |           | 10-100 |     | 31         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.086 |           | 10-100 |     | 22         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.248 |           | 27-123 |     | 62         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.301 |           | 34-132 |     | 75         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.242 |           | 10-131 |     | 60         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.339 |           | 35-157 |     | 85         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 8482  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 22740 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 11052 | 14.189    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 22302 | 16.929    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 14089 | 21.148    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 13411 | 23.315    |        |     |            |           |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 8/20/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 8/20/2024 12:00:00 AM |
| Client Sample ID:  | PB162851BS     | SDG No.:        | BN082024              |
| Lab Sample ID:     | PB162851BS     | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified  | % 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 |
| BN033515.D        | 1         | 8/20/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162851      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.36  |           | 0.03 | 0.2 | 0.2        | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.4   |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-20-3        | Naphthalene                | 0.39  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.38  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 0.38  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.36  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 83-32-9        | Acenaphthene               | 0.38  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| Total PAH      | Total PAH                  | 6.09  |           | 0.45 | 0.1 | 1.6        | ug/L  |
| 86-73-7        | Fluorene                   | 0.37  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 0.3   |           | 0.14 | 0.2 | 0.2        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.39  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.4   |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 1912-24-9      | Atrazine                   | 0.32  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.3   |           | 0.09 | 0.2 | 0.2        | ug/L  |
| 85-01-8        | Phenanthrene               | 0.39  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 120-12-7       | Anthracene                 | 0.37  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 206-44-0       | Fluoranthene               | 0.36  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 129-00-0       | Pyrene                     | 0.38  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.38  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 218-01-9       | Chrysene                   | 0.39  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.33  |           | 0.14 | 0.2 | 0.2        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.39  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.38  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.38  |           | 0.06 | 0.1 | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.39  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.39  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.39  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 0.36  |           | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 8/20/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/20/2024 12:00:00 AM |
| Client Sample ID:  | PB162851BS             | SDG No.:        | BN082024              |
| Lab Sample ID:     | PB162851BS             | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified          | % 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 |
| BN033515.D        | 1         | 8/20/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162851      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.355 |           | 20-139 |     | 89         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.336 |           | 30-150 |     | 84         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.291 |           | 10-100 |     | 73         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.306 |           | 10-100 |     | 76         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.357 |           | 27-123 |     | 89         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.39  |           | 34-132 |     | 97         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.261 |           | 10-131 |     | 65         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.322 |           | 35-157 |     | 81         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 9731  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 25646 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 12583 | 14.189    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 24090 | 16.942    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 15815 | 21.148    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 16027 | 23.315    |        |     |            |           |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 8/20/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 8/20/2024 12:00:00 AM |
| Client Sample ID:  | PB162851BSD    | SDG No.:        | BN082024              |
| Lab Sample ID:     | PB162851BSD    | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified  | % 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 |
| BN033516.D        | 1         | 8/20/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162851      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.37  |           | 0.03 | 0.2 | 0.2        | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.4   |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-20-3        | Naphthalene                | 0.38  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.38  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 0.38  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.36  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 83-32-9        | Acenaphthene               | 0.38  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| Total PAH      | Total PAH                  | 6.15  |           | 0.45 | 0.1 | 1.6        | ug/L  |
| 86-73-7        | Fluorene                   | 0.37  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 0.29  |           | 0.14 | 0.2 | 0.2        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.38  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.4   |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 1912-24-9      | Atrazine                   | 0.32  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.29  |           | 0.09 | 0.2 | 0.2        | ug/L  |
| 85-01-8        | Phenanthrene               | 0.39  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 120-12-7       | Anthracene                 | 0.37  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 206-44-0       | Fluoranthene               | 0.36  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 129-00-0       | Pyrene                     | 0.41  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.38  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 218-01-9       | Chrysene                   | 0.4   |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.36  |           | 0.14 | 0.2 | 0.2        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.4   |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.39  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.38  |           | 0.06 | 0.1 | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.39  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.39  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.4   |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 0.36  |           | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 8/20/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/20/2024 12:00:00 AM |
| Client Sample ID:  | PB162851BSD            | SDG No.:        | BN082024              |
| Lab Sample ID:     | PB162851BSD            | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified          | % 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 |
| BN033516.D        | 1         | 8/20/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162851      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.353 |           | 20-139 |     | 88         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.331 |           | 30-150 |     | 83         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.287 |           | 10-100 |     | 72         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.301 |           | 10-100 |     | 75         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.352 |           | 27-123 |     | 88         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.384 |           | 34-132 |     | 96         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.267 |           | 10-131 |     | 67         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.348 |           | 35-157 |     | 87         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 9034  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 24228 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 12251 | 14.189    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 24610 | 16.929    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 14783 | 21.139    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 14180 | 23.314    |        |     |            |           |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/16/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/16/2024 12:00:00 AM |
| Client Sample ID:  | 917-J-WPO-0.25-081624 | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3662-01              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 960 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 |
| BN033517.D        | 1         | 8/20/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162851      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.03  | U         | 0.03 | 0.21 | 0.21       | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.03  | U         | 0.03 | 0.1  | 0.1        | ug/L  |
| 91-20-3        | Naphthalene                | 0.03  | U         | 0.03 | 0.1  | 0.1        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.03  | U         | 0.03 | 0.1  | 0.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 0.03  | U         | 0.03 | 0.1  | 0.1        | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.02  | U         | 0.02 | 0.1  | 0.1        | ug/L  |
| 83-32-9        | Acenaphthene               | 0.03  | J         | 0.02 | 0.1  | 0.1        | ug/L  |
| Total PAH      | Total PAH                  | 0.48  | U         | 0.48 | 0.1  | 1.6        | ug/L  |
| 86-73-7        | Fluorene                   | 0.13  |           | 0.02 | 0.1  | 0.1        | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 0.15  | U         | 0.15 | 0.21 | 0.21       | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.03  | U         | 0.03 | 0.1  | 0.1        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.03  | U         | 0.03 | 0.1  | 0.1        | ug/L  |
| 1912-24-9      | Atrazine                   | 0.02  | U         | 0.02 | 0.1  | 0.1        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.09  | U         | 0.09 | 0.21 | 0.21       | ug/L  |
| 85-01-8        | Phenanthrene               | 0.11  |           | 0.02 | 0.1  | 0.1        | ug/L  |
| 120-12-7       | Anthracene                 | 0.03  | U         | 0.03 | 0.1  | 0.1        | ug/L  |
| 206-44-0       | Fluoranthene               | 0.09  | J         | 0.02 | 0.1  | 0.1        | ug/L  |
| 129-00-0       | Pyrene                     | 0.04  | J         | 0.02 | 0.1  | 0.1        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.02  | U         | 0.02 | 0.1  | 0.1        | ug/L  |
| 218-01-9       | Chrysene                   | 0.03  | U         | 0.03 | 0.1  | 0.1        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.15  | U         | 0.15 | 0.21 | 0.21       | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.03  | U         | 0.03 | 0.1  | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.04  | U         | 0.04 | 0.1  | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.06  | U         | 0.06 | 0.1  | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.04  | U         | 0.04 | 0.1  | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.04  | U         | 0.04 | 0.1  | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.04  | U         | 0.04 | 0.1  | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 0.14  | J         | 0.07 | 0.21 | 0.21       | ug/L  |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/16/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/16/2024 12:00:00 AM |
| Client Sample ID:  | 917-J-WPO-0.25-081624 | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3662-01              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 960 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 |
| BN033517.D        | 1         | 8/20/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162851      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.286 |           | 20-139 |     | 72         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.422 |           | 30-150 |     | 105        | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.112 |           | 10-100 |     | 28         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.074 |           | 10-100 |     | 19         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.287 |           | 27-123 |     | 72         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.349 |           | 34-132 |     | 87         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.295 |           | 10-131 |     | 74         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.381 |           | 35-157 |     | 95         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7308  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 18500 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 8366  | 14.189    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 17245 | 16.929    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 14616 | 21.139    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 15164 | 23.312    |        |     |            |           |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 8/16/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/16/2024 12:00:00 AM |
| Client Sample ID:  | SP-100-70740816        | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3666-01               | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified          | % 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 |
| BN033518.D        | 1         | 8/20/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162851      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.03  | U         | 0.03 | 0.2 | 0.2        | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.03  | J         | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-20-3        | Naphthalene                | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 83-32-9        | Acenaphthene               | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| Total PAH      | Total PAH                  | 0.45  | U         | 0.45 | 0.1 | 1.6        | ug/L  |
| 86-73-7        | Fluorene                   | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 0.14  | U         | 0.14 | 0.2 | 0.2        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 1912-24-9      | Atrazine                   | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.09  | U         | 0.09 | 0.2 | 0.2        | ug/L  |
| 85-01-8        | Phenanthrene               | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 120-12-7       | Anthracene                 | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 206-44-0       | Fluoranthene               | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 129-00-0       | Pyrene                     | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 218-01-9       | Chrysene                   | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.14  | U         | 0.14 | 0.2 | 0.2        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.06  | U         | 0.06 | 0.1 | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.04  | U         | 0.04 | 0.1 | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.04  | U         | 0.04 | 0.1 | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.04  | U         | 0.04 | 0.1 | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 4.7   |           | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 8/16/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 8/16/2024 12:00:00 AM |
| Client Sample ID:  | SP-100-70740816 | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3666-01        | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified   | % 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 |
| BN033518.D        | 1         | 8/20/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162851      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.334 |           | 20-139 |     | 83         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.4   |           | 30-150 |     | 100        | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.112 |           | 10-100 |     | 28         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.066 |           | 10-100 |     | 16         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.35  |           | 27-123 |     | 88         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.377 |           | 34-132 |     | 94         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.246 |           | 10-131 |     | 62         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.594 |           | 35-157 |     | 148        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7290  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 19000 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 8809  | 14.189    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 16987 | 16.929    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 11144 | 21.139    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 11324 | 23.312    |        |     |            |           |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 8/16/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/16/2024 12:00:00 AM |
| Client Sample ID:  | SP-201-70740816        | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3666-02               | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified          | % 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 |
| BN033519.D        | 1         | 8/20/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162851      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.03  | U         | 0.03 | 0.2 | 0.2        | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-20-3        | Naphthalene                | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 83-32-9        | Acenaphthene               | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| Total PAH      | Total PAH                  | 0.45  | U         | 0.45 | 0.1 | 1.6        | ug/L  |
| 86-73-7        | Fluorene                   | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 0.14  | U         | 0.14 | 0.2 | 0.2        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 1912-24-9      | Atrazine                   | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.09  | U         | 0.09 | 0.2 | 0.2        | ug/L  |
| 85-01-8        | Phenanthrene               | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 120-12-7       | Anthracene                 | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 206-44-0       | Fluoranthene               | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 129-00-0       | Pyrene                     | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 218-01-9       | Chrysene                   | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.14  | U         | 0.14 | 0.2 | 0.2        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.06  | U         | 0.06 | 0.1 | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.04  | U         | 0.04 | 0.1 | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.04  | U         | 0.04 | 0.1 | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.04  | U         | 0.04 | 0.1 | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 0.07  | U         | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 8/16/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/16/2024 12:00:00 AM |
| Client Sample ID:  | SP-201-70740816        | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3666-02               | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified          | % 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 |
| BN033519.D        | 1         | 8/20/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162851      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.298 |           | 20-139 |     | 75         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.361 |           | 30-150 |     | 90         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.104 |           | 10-100 |     | 26         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.062 |           | 10-100 |     | 16         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.325 |           | 27-123 |     | 81         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.339 |           | 34-132 |     | 85         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.219 |           | 10-131 |     | 55         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.469 |           | 35-157 |     | 117        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 6956  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 17989 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 8326  | 14.189    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 15938 | 16.929    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 10259 | 21.139    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 10334 | 23.312    |        |     |            |           |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/16/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/16/2024 12:00:00 AM |
| Client Sample ID:  | SP-303-70740816       | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3666-03              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 950      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 |
| BN033520.D        | 1         | 8/20/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162851      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.03  | U         | 0.03 | 0.21 | 0.21       | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.03  | U         | 0.03 | 0.11 | 0.11       | ug/L  |
| 91-20-3        | Naphthalene                | 0.03  | U         | 0.03 | 0.11 | 0.11       | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.03  | U         | 0.03 | 0.11 | 0.11       | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 0.03  | U         | 0.03 | 0.11 | 0.11       | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.02  | U         | 0.02 | 0.11 | 0.11       | ug/L  |
| 83-32-9        | Acenaphthene               | 0.02  | U         | 0.02 | 0.11 | 0.11       | ug/L  |
| Total PAH      | Total PAH                  | 0.48  | U         | 0.48 | 0.11 | 1.76       | ug/L  |
| 86-73-7        | Fluorene                   | 0.02  | U         | 0.02 | 0.11 | 0.11       | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 0.15  | U         | 0.15 | 0.21 | 0.21       | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.03  | U         | 0.03 | 0.11 | 0.11       | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.03  | U         | 0.03 | 0.11 | 0.11       | ug/L  |
| 1912-24-9      | Atrazine                   | 0.02  | U         | 0.02 | 0.11 | 0.11       | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.09  | U         | 0.09 | 0.21 | 0.21       | ug/L  |
| 85-01-8        | Phenanthrene               | 0.02  | U         | 0.02 | 0.11 | 0.11       | ug/L  |
| 120-12-7       | Anthracene                 | 0.03  | U         | 0.03 | 0.11 | 0.11       | ug/L  |
| 206-44-0       | Fluoranthene               | 0.02  | U         | 0.02 | 0.11 | 0.11       | ug/L  |
| 129-00-0       | Pyrene                     | 0.02  | U         | 0.02 | 0.11 | 0.11       | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.02  | U         | 0.02 | 0.11 | 0.11       | ug/L  |
| 218-01-9       | Chrysene                   | 0.03  | U         | 0.03 | 0.11 | 0.11       | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.15  | U         | 0.15 | 0.21 | 0.21       | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.03  | U         | 0.03 | 0.11 | 0.11       | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.04  | U         | 0.04 | 0.11 | 0.11       | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.06  | U         | 0.06 | 0.11 | 0.11       | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.04  | U         | 0.04 | 0.11 | 0.11       | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.04  | U         | 0.04 | 0.11 | 0.11       | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.04  | U         | 0.04 | 0.11 | 0.11       | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 0.07  | U         | 0.07 | 0.21 | 0.21       | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 8/16/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 8/16/2024 12:00:00 AM |
| Client Sample ID:  | SP-303-70740816 | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3666-03        | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified   | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 950 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 |
| BN033520.D        | 1         | 8/20/2024 12:00:00 AM | 8/20/2024 12:00:00 AM | PB162851      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.268 |           | 20-139 |     | 67         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.348 |           | 30-150 |     | 87         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.096 |           | 10-100 |     | 24         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.058 |           | 10-100 |     | 14         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.286 |           | 27-123 |     | 72         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.303 |           | 34-132 |     | 76         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.209 |           | 10-131 |     | 52         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.471 |           | 35-157 |     | 118        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7349  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 18908 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 8775  | 14.189    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 16959 | 16.929    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 11478 | 21.139    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 11439 | 23.311    |        |     |            |           |

## Report of Analysis

|                    |                      |                 |                       |
|--------------------|----------------------|-----------------|-----------------------|
| Client:            |                      | Date Collected: | 8/14/2024 12:00:00 AM |
| Project:           |                      | Date Received:  | 8/14/2024 12:00:00 AM |
| Client Sample ID:  | RW7-SP100-20240814DL | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3650-01DL           | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified        | % 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 |
| BN033521.D        | 2         | 8/19/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162821      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.06  | U         | 0.06 | 0.4 | 0.4        | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.06  | U         | 0.06 | 0.2 | 0.2        | ug/L  |
| 91-20-3        | Naphthalene                | 0.05  | U         | 0.05 | 0.2 | 0.2        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.05  | U         | 0.05 | 0.2 | 0.2        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 0.06  | U         | 0.06 | 0.2 | 0.2        | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.04  | U         | 0.04 | 0.2 | 0.2        | ug/L  |
| 83-32-9        | Acenaphthene               | 0.04  | U         | 0.04 | 0.2 | 0.2        | ug/L  |
| Total PAH      | Total PAH                  | 0.91  | U         | 0.91 | 0.2 | 3.2        | ug/L  |
| 86-73-7        | Fluorene                   | 0.04  | U         | 0.04 | 0.2 | 0.2        | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 0.28  | U         | 0.28 | 0.4 | 0.4        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.05  | U         | 0.05 | 0.2 | 0.2        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.06  | U         | 0.06 | 0.2 | 0.2        | ug/L  |
| 1912-24-9      | Atrazine                   | 0.05  | U         | 0.05 | 0.2 | 0.2        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.18  | U         | 0.18 | 0.4 | 0.4        | ug/L  |
| 85-01-8        | Phenanthrene               | 0.04  | U         | 0.04 | 0.2 | 0.2        | ug/L  |
| 120-12-7       | Anthracene                 | 0.05  | U         | 0.05 | 0.2 | 0.2        | ug/L  |
| 206-44-0       | Fluoranthene               | 0.05  | U         | 0.05 | 0.2 | 0.2        | ug/L  |
| 129-00-0       | Pyrene                     | 0.04  | U         | 0.04 | 0.2 | 0.2        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.04  | U         | 0.04 | 0.2 | 0.2        | ug/L  |
| 218-01-9       | Chrysene                   | 0.05  | U         | 0.05 | 0.2 | 0.2        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.28  | U         | 0.28 | 0.4 | 0.4        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.06  | U         | 0.06 | 0.2 | 0.2        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.07  | U         | 0.07 | 0.2 | 0.2        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.11  | U         | 0.11 | 0.2 | 0.2        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.08  | U         | 0.08 | 0.2 | 0.2        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.08  | U         | 0.08 | 0.2 | 0.2        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.07  | U         | 0.07 | 0.2 | 0.2        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 5.5   | D         | 0.14 | 0.4 | 0.4        | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 8/14/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/14/2024 12:00:00 AM |
| Client Sample ID:  | RW7-SP100-20240814DL   | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3650-01DL             | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified          | % 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 |
| BN033521.D        | 2         | 8/19/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162821      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.32  |           | 20-139 |     | 80         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.352 |           | 30-150 |     | 88         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.108 |           | 10-100 |     | 27         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.064 |           | 10-100 |     | 16         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.328 |           | 27-123 |     | 82         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.346 |           | 34-132 |     | 86         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.222 |           | 10-131 |     | 56         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.462 |           | 35-157 |     | 115        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7175  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 18576 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 8901  | 14.189    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 17652 | 16.929    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 10497 | 21.139    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 10472 | 23.309    |        |     |            |           |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 924-K1-SD-0-0.5-081524 | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3643-09               | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified          | % Moisture:     | 28.9                  |
| Sample Wt/Vol:     | 30.03 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 |
| BN033522.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 1.8   | U         | 1.8  | 9.3 | 9.3        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether    | 1.2   | U         | 1.2  | 4.6 | 4.6        | ug/Kg |
| 91-20-3        | Naphthalene                | 0.97  | U         | 0.97 | 4.6 | 4.6        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene        | 0.97  | U         | 0.97 | 4.6 | 4.6        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene        | 1.1   | U         | 1.1  | 4.6 | 4.6        | ug/Kg |
| 208-96-8       | Acenaphthylene             | 0.89  | U         | 0.89 | 4.6 | 4.6        | ug/Kg |
| 83-32-9        | Acenaphthene               | 0.77  | U         | 0.77 | 4.6 | 4.6        | ug/Kg |
| Total PAH      | Total PAH                  | 20.4  | U         | 20.4 | 4.6 | 73.6       | ug/Kg |
| 86-73-7        | Fluorene                   | 0.84  | U         | 0.84 | 4.6 | 4.6        | ug/Kg |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 6     | U         | 6    | 9.3 | 9.3        | ug/Kg |
| 101-55-3       | 4-Bromophenyl-phenylether  | 1.1   | U         | 1.1  | 4.6 | 4.6        | ug/Kg |
| 118-74-1       | Hexachlorobenzene          | 1.2   | U         | 1.2  | 4.6 | 4.6        | ug/Kg |
| 1912-24-9      | Atrazine                   | 1.1   | U         | 1.1  | 4.6 | 4.6        | ug/Kg |
| 87-86-5        | Pentachlorophenol          | 4     | U         | 4    | 9.3 | 9.3        | ug/Kg |
| 85-01-8        | Phenanthrene               | 0.89  | U         | 0.89 | 4.6 | 4.6        | ug/Kg |
| 120-12-7       | Anthracene                 | 1.1   | U         | 1.1  | 4.6 | 4.6        | ug/Kg |
| 206-44-0       | Fluoranthene               | 0.94  | U         | 0.94 | 4.6 | 4.6        | ug/Kg |
| 129-00-0       | Pyrene                     | 1.3   | U         | 1.3  | 4.6 | 4.6        | ug/Kg |
| 56-55-3        | Benzo(a)anthracene         | 1.1   | U         | 1.1  | 4.6 | 4.6        | ug/Kg |
| 218-01-9       | Chrysene                   | 1.2   | U         | 1.2  | 4.6 | 4.6        | ug/Kg |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 2.1   | U         | 2.1  | 9.3 | 9.3        | ug/Kg |
| 205-99-2       | Benzo(b)fluoranthene       | 1.7   | U         | 1.7  | 4.6 | 4.6        | ug/Kg |
| 207-08-9       | Benzo(k)fluoranthene       | 1.4   | U         | 1.4  | 4.6 | 4.6        | ug/Kg |
| 50-32-8        | Benzo(a)pyrene             | 2.3   | U         | 2.3  | 4.6 | 4.6        | ug/Kg |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 1.8   | U         | 1.8  | 4.6 | 4.6        | ug/Kg |
| 53-70-3        | Dibenzo(a,h)anthracene     | 1.6   | U         | 1.6  | 4.6 | 4.6        | ug/Kg |
| 191-24-2       | Benzo(g,h,i)perylene       | 1.6   | U         | 1.6  | 4.6 | 4.6        | ug/Kg |
| 123-91-1       | 1,4-Dioxane                | 3.1   | U         | 3.1  | 9.3 | 9.3        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 924-K1-SD-0-0.5-081524 | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3643-09               | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified          | % Moisture:     | 28.9                  |
| Sample Wt/Vol:     | 30.03      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 |
| BN033522.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.135 |           | 17-161 |     | 34         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.114 |           | 23-138 |     | 28         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.121 |           | 28-122 |     | 30         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.126 |           | 25-125 |     | 31         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.143 |           | 33-121 |     | 36         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.143 |           | 32-121 |     | 36         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.104 |           | 19-110 |     | 26         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.125 |           | 21-130 |     | 31         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 6458  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 17095 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 8364  | 14.189    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 16884 | 16.929    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 9815  | 21.139    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 9610  | 23.309    |        |     |            |           |

## Report of Analysis

|                    |                          |                 |                       |
|--------------------|--------------------------|-----------------|-----------------------|
| Client:            |                          | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                          | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 924-K1-SD-0.5-1.0-081524 | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3643-10                 | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified            | % Moisture:     | 27.1                  |
| 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 |
| BN033523.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|-------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |       |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 1.8   | U         | 1.8   | 9   | 9          | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether    | 1.2   | U         | 1.2   | 4.5 | 4.5        | ug/Kg |
| 91-20-3        | Naphthalene                | 0.95  | U         | 0.95  | 4.5 | 4.5        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene        | 0.95  | U         | 0.95  | 4.5 | 4.5        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene        | 1.1   | U         | 1.1   | 4.5 | 4.5        | ug/Kg |
| 208-96-8       | Acenaphthylene             | 0.86  | U         | 0.86  | 4.5 | 4.5        | ug/Kg |
| 83-32-9        | Acenaphthene               | 0.75  | U         | 0.75  | 4.5 | 4.5        | ug/Kg |
| Total PAH      | Total PAH                  | 19.86 | U         | 19.86 | 4.5 | 72         | ug/Kg |
| 86-73-7        | Fluorene                   | 0.82  | U         | 0.82  | 4.5 | 4.5        | ug/Kg |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 5.8   | U         | 5.8   | 9   | 9          | ug/Kg |
| 101-55-3       | 4-Bromophenyl-phenylether  | 1.1   | U         | 1.1   | 4.5 | 4.5        | ug/Kg |
| 118-74-1       | Hexachlorobenzene          | 1.2   | U         | 1.2   | 4.5 | 4.5        | ug/Kg |
| 1912-24-9      | Atrazine                   | 1     | U         | 1     | 4.5 | 4.5        | ug/Kg |
| 87-86-5        | Pentachlorophenol          | 3.9   | U         | 3.9   | 9   | 9          | ug/Kg |
| 85-01-8        | Phenanthrene               | 0.86  | U         | 0.86  | 4.5 | 4.5        | ug/Kg |
| 120-12-7       | Anthracene                 | 1.1   | U         | 1.1   | 4.5 | 4.5        | ug/Kg |
| 206-44-0       | Fluoranthene               | 0.92  | U         | 0.92  | 4.5 | 4.5        | ug/Kg |
| 129-00-0       | Pyrene                     | 1.3   | U         | 1.3   | 4.5 | 4.5        | ug/Kg |
| 56-55-3        | Benzo(a)anthracene         | 1     | U         | 1     | 4.5 | 4.5        | ug/Kg |
| 218-01-9       | Chrysene                   | 1.2   | U         | 1.2   | 4.5 | 4.5        | ug/Kg |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 2     | U         | 2     | 9   | 9          | ug/Kg |
| 205-99-2       | Benzo(b)fluoranthene       | 1.6   | U         | 1.6   | 4.5 | 4.5        | ug/Kg |
| 207-08-9       | Benzo(k)fluoranthene       | 1.3   | U         | 1.3   | 4.5 | 4.5        | ug/Kg |
| 50-32-8        | Benzo(a)pyrene             | 2.3   | U         | 2.3   | 4.5 | 4.5        | ug/Kg |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 1.7   | U         | 1.7   | 4.5 | 4.5        | ug/Kg |
| 53-70-3        | Dibenzo(a,h)anthracene     | 1.6   | U         | 1.6   | 4.5 | 4.5        | ug/Kg |
| 191-24-2       | Benzo(g,h,i)perylene       | 1.6   | U         | 1.6   | 4.5 | 4.5        | ug/Kg |
| 123-91-1       | 1,4-Dioxane                | 3     | U         | 3     | 9   | 9          | ug/Kg |

## Report of Analysis

|                    |                          |                 |                       |
|--------------------|--------------------------|-----------------|-----------------------|
| Client:            |                          | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                          | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 924-K1-SD-0.5-1.0-081524 | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3643-10                 | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified            | % Moisture:     | 27.1                  |
| 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 |
| BN033523.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.109 |           | 17-161 |     | 27         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.113 |           | 23-138 |     | 28         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.097 | *         | 28-122 |     | 24         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.098 | *         | 25-125 |     | 24         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.117 | *         | 33-121 |     | 29         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.124 | *         | 32-121 |     | 31         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.074 |           | 19-110 |     | 19         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.099 |           | 21-130 |     | 25         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 6739  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 17282 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 7881  | 14.189    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 15265 | 16.929    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 11704 | 21.139    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 11707 | 23.309    |        |     |            |           |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 8/20/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 8/20/2024 12:00:00 AM |
| Client Sample ID:  | PB162859BL     | SDG No.:        | BN082024              |
| Lab Sample ID:     | PB162859BL     | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified  | % 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 |
| BN033527.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162859      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|-------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |       |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 1.3   | U         | 1.3   | 6.6 | 6.6        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.85  | U         | 0.85  | 3.3 | 3.3        | ug/Kg |
| 91-20-3        | Naphthalene                | 0.69  | U         | 0.69  | 3.3 | 3.3        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene        | 0.69  | U         | 0.69  | 3.3 | 3.3        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene        | 0.8   | U         | 0.8   | 3.3 | 3.3        | ug/Kg |
| 208-96-8       | Acenaphthylene             | 0.63  | U         | 0.63  | 3.3 | 3.3        | ug/Kg |
| 83-32-9        | Acenaphthene               | 0.55  | U         | 0.55  | 3.3 | 3.3        | ug/Kg |
| Total PAH      | Total PAH                  | 14.61 | U         | 14.61 | 3.3 | 52.8       | ug/Kg |
| 86-73-7        | Fluorene                   | 0.6   | U         | 0.6   | 3.3 | 3.3        | ug/Kg |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 4.2   | U         | 4.2   | 6.6 | 6.6        | ug/Kg |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.79  | U         | 0.79  | 3.3 | 3.3        | ug/Kg |
| 118-74-1       | Hexachlorobenzene          | 0.85  | U         | 0.85  | 3.3 | 3.3        | ug/Kg |
| 1912-24-9      | Atrazine                   | 0.76  | U         | 0.76  | 3.3 | 3.3        | ug/Kg |
| 87-86-5        | Pentachlorophenol          | 2.8   | U         | 2.8   | 6.6 | 6.6        | ug/Kg |
| 85-01-8        | Phenanthrene               | 0.63  | U         | 0.63  | 3.3 | 3.3        | ug/Kg |
| 120-12-7       | Anthracene                 | 0.79  | U         | 0.79  | 3.3 | 3.3        | ug/Kg |
| 206-44-0       | Fluoranthene               | 0.67  | U         | 0.67  | 3.3 | 3.3        | ug/Kg |
| 129-00-0       | Pyrene                     | 0.95  | U         | 0.95  | 3.3 | 3.3        | ug/Kg |
| 56-55-3        | Benzo(a)anthracene         | 0.76  | U         | 0.76  | 3.3 | 3.3        | ug/Kg |
| 218-01-9       | Chrysene                   | 0.86  | U         | 0.86  | 3.3 | 3.3        | ug/Kg |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 1.5   | U         | 1.5   | 6.6 | 6.6        | ug/Kg |
| 205-99-2       | Benzo(b)fluoranthene       | 1.2   | U         | 1.2   | 3.3 | 3.3        | ug/Kg |
| 207-08-9       | Benzo(k)fluoranthene       | 0.98  | U         | 0.98  | 3.3 | 3.3        | ug/Kg |
| 50-32-8        | Benzo(a)pyrene             | 1.7   | U         | 1.7   | 3.3 | 3.3        | ug/Kg |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 1.3   | U         | 1.3   | 3.3 | 3.3        | ug/Kg |
| 53-70-3        | Dibenzo(a,h)anthracene     | 1.2   | U         | 1.2   | 3.3 | 3.3        | ug/Kg |
| 191-24-2       | Benzo(g,h,i)perylene       | 1.1   | U         | 1.1   | 3.3 | 3.3        | ug/Kg |
| 123-91-1       | 1,4-Dioxane                | 2.2   | U         | 2.2   | 6.6 | 6.6        | ug/Kg |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 8/20/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 8/20/2024 12:00:00 AM |
| Client Sample ID:  | PB162859BL          | SDG No.:        | BN082024              |
| Lab Sample ID:     | PB162859BL          | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified       | % 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 |
| BN033527.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162859      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.351 |           | 17-161 |     | 88         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.359 |           | 23-138 |     | 90         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.283 |           | 28-122 |     | 71         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.28  |           | 25-125 |     | 70         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.357 |           | 33-121 |     | 89         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.406 |           | 32-121 |     | 101        | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.187 |           | 19-110 |     | 47         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.382 |           | 21-130 |     | 95         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 6991  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 17549 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 7532  | 14.189    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 14113 | 16.942    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 9332  | 21.139    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 10143 | 23.309    |        |     |            |           |

## Report of Analysis

|                    |                          |                 |                       |
|--------------------|--------------------------|-----------------|-----------------------|
| Client:            |                          | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                          | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 932-K1-SD-0.5-1.0-081524 | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3643-04                 | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified            | % Moisture:     | 26.3                  |
| Sample Wt/Vol:     | 30.03      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 |
| BN033528.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|-------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |       |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 1.8   | U         | 1.8   | 8.9 | 8.9        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether    | 1.2   | U         | 1.2   | 4.5 | 4.5        | ug/Kg |
| 91-20-3        | Naphthalene                | 0.94  | U         | 0.94  | 4.5 | 4.5        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene        | 0.94  | U         | 0.94  | 4.5 | 4.5        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene        | 1.1   | U         | 1.1   | 4.5 | 4.5        | ug/Kg |
| 208-96-8       | Acenaphthylene             | 0.85  | U         | 0.85  | 4.5 | 4.5        | ug/Kg |
| 83-32-9        | Acenaphthene               | 0.75  | U         | 0.75  | 4.5 | 4.5        | ug/Kg |
| Total PAH      | Total PAH                  | 19.71 | U         | 19.71 | 4.5 | 72         | ug/Kg |
| 86-73-7        | Fluorene                   | 0.81  | U         | 0.81  | 4.5 | 4.5        | ug/Kg |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 5.8   | U         | 5.8   | 8.9 | 8.9        | ug/Kg |
| 101-55-3       | 4-Bromophenyl-phenylether  | 1.1   | U         | 1.1   | 4.5 | 4.5        | ug/Kg |
| 118-74-1       | Hexachlorobenzene          | 1.2   | U         | 1.2   | 4.5 | 4.5        | ug/Kg |
| 1912-24-9      | Atrazine                   | 1     | U         | 1     | 4.5 | 4.5        | ug/Kg |
| 87-86-5        | Pentachlorophenol          | 3.8   | U         | 3.8   | 8.9 | 8.9        | ug/Kg |
| 85-01-8        | Phenanthrene               | 0.85  | U         | 0.85  | 4.5 | 4.5        | ug/Kg |
| 120-12-7       | Anthracene                 | 1.1   | U         | 1.1   | 4.5 | 4.5        | ug/Kg |
| 206-44-0       | Fluoranthene               | 0.91  | U         | 0.91  | 4.5 | 4.5        | ug/Kg |
| 129-00-0       | Pyrene                     | 1.3   | U         | 1.3   | 4.5 | 4.5        | ug/Kg |
| 56-55-3        | Benzo(a)anthracene         | 1     | U         | 1     | 4.5 | 4.5        | ug/Kg |
| 218-01-9       | Chrysene                   | 1.2   | U         | 1.2   | 4.5 | 4.5        | ug/Kg |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 2     | U         | 2     | 8.9 | 8.9        | ug/Kg |
| 205-99-2       | Benzo(b)fluoranthene       | 1.6   | U         | 1.6   | 4.5 | 4.5        | ug/Kg |
| 207-08-9       | Benzo(k)fluoranthene       | 1.3   | U         | 1.3   | 4.5 | 4.5        | ug/Kg |
| 50-32-8        | Benzo(a)pyrene             | 2.3   | U         | 2.3   | 4.5 | 4.5        | ug/Kg |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 1.7   | U         | 1.7   | 4.5 | 4.5        | ug/Kg |
| 53-70-3        | Dibenzo(a,h)anthracene     | 1.6   | U         | 1.6   | 4.5 | 4.5        | ug/Kg |
| 191-24-2       | Benzo(g,h,i)perylene       | 1.5   | U         | 1.5   | 4.5 | 4.5        | ug/Kg |
| 123-91-1       | 1,4-Dioxane                | 3     | U         | 3     | 8.9 | 8.9        | ug/Kg |

## Report of Analysis

|                    |                          |                 |                       |
|--------------------|--------------------------|-----------------|-----------------------|
| Client:            |                          | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                          | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 932-K1-SD-0.5-1.0-081524 | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3643-04                 | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified            | % Moisture:     | 26.3                  |
| Sample Wt/Vol:     | 30.03      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 |
| BN033528.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.159 |           | 17-161 |     | 40         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.152 |           | 23-138 |     | 38         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.141 |           | 28-122 |     | 35         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.148 |           | 25-125 |     | 37         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.175 |           | 33-121 |     | 44         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.179 |           | 32-121 |     | 45         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.115 |           | 19-110 |     | 29         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.136 |           | 21-130 |     | 34         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 6344  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 16233 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 7198  | 14.189    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 13946 | 16.929    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 10237 | 21.139    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 10654 | 23.306    |        |     |            |           |



|                    |                         |        |    |                 |                       |    |
|--------------------|-------------------------|--------|----|-----------------|-----------------------|----|
| Client:            |                         |        |    | Date Collected: | 8/15/2024 12:00:00 AM |    |
| Project:           |                         |        |    | Date Received:  | 8/15/2024 12:00:00 AM |    |
| Client Sample ID:  | 918-J-SD-0.5-1.0-081524 |        |    | SDG No.:        | BN082024              |    |
| Lab Sample ID:     | P3643-08                |        |    | Matrix:         | Solid                 |    |
| Analytical Method: | 8270-Modified           |        |    | % Moisture:     | 20.4                  |    |
| 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 |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| BN033529.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-------|-----|------------|-------|
| TARGETS    |                            |       |           |       |     |            |       |
| 62-75-9    | n-Nitrosodimethylamine     | 1.6   | U         | 1.6   | 8.3 | 8.3        | ug/Kg |
| 111-44-4   | bis(2-Chloroethyl)ether    | 1.1   | U         | 1.1   | 4.1 | 4.1        | ug/Kg |
| 91-20-3    | Naphthalene                | 0.87  | U         | 0.87  | 4.1 | 4.1        | ug/Kg |
| 87-68-3    | Hexachlorobutadiene        | 0.87  | U         | 0.87  | 4.1 | 4.1        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene        | 1     | U         | 1     | 4.1 | 4.1        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 0.79  | U         | 0.79  | 4.1 | 4.1        | ug/Kg |
| 83-32-9    | Acenaphthene               | 0.69  | U         | 0.69  | 4.1 | 4.1        | ug/Kg |
| Total PAH  | Total PAH                  | 18.27 | U         | 18.27 | 4.1 | 65.6       | ug/Kg |
| 86-73-7    | Fluorene                   | 0.75  | U         | 0.75  | 4.1 | 4.1        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 5.3   | U         | 5.3   | 8.3 | 8.3        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 0.99  | U         | 0.99  | 4.1 | 4.1        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1.1   | U         | 1.1   | 4.1 | 4.1        | ug/Kg |
| 1912-24-9  | Atrazine                   | 0.95  | U         | 0.95  | 4.1 | 4.1        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 3.5   | U         | 3.5   | 8.3 | 8.3        | ug/Kg |
| 85-01-8    | Phenanthrene               | 0.79  | U         | 0.79  | 4.1 | 4.1        | ug/Kg |
| 120-12-7   | Anthracene                 | 0.99  | U         | 0.99  | 4.1 | 4.1        | ug/Kg |
| 206-44-0   | Fluoranthene               | 0.84  | U         | 0.84  | 4.1 | 4.1        | ug/Kg |
| 129-00-0   | Pyrene                     | 1.2   | U         | 1.2   | 4.1 | 4.1        | ug/Kg |
| 56-55-3    | Benzo(a)anthracene         | 0.95  | U         | 0.95  | 4.1 | 4.1        | ug/Kg |
| 218-01-9   | Chrysene                   | 1.1   | U         | 1.1   | 4.1 | 4.1        | ug/Kg |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1.8   | U         | 1.8   | 8.3 | 8.3        | ug/Kg |
| 205-99-2   | Benzo(b)fluoranthene       | 1.5   | U         | 1.5   | 4.1 | 4.1        | ug/Kg |
| 207-08-9   | Benzo(k)fluoranthene       | 1.2   | U         | 1.2   | 4.1 | 4.1        | ug/Kg |
| 50-32-8    | Benzo(a)pyrene             | 2.1   | U         | 2.1   | 4.1 | 4.1        | ug/Kg |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 1.6   | U         | 1.6   | 4.1 | 4.1        | ug/Kg |
| 53-70-3    | Dibenzo(a,h)anthracene     | 1.5   | U         | 1.5   | 4.1 | 4.1        | ug/Kg |
| 191-24-2   | Benzo(g,h,i)perylene       | 1.4   | U         | 1.4   | 4.1 | 4.1        | ug/Kg |
| 123-91-1   | 1,4-Dioxane                | 2.8   | U         | 2.8   | 8.3 | 8.3        | ug/Kg |



|                    |                         |          |                 |                       |    |  |
|--------------------|-------------------------|----------|-----------------|-----------------------|----|--|
| Client:            |                         |          | Date Collected: | 8/15/2024 12:00:00 AM |    |  |
| Project:           |                         |          | Date Received:  | 8/15/2024 12:00:00 AM |    |  |
| Client Sample ID:  | 918-J-SD-0.5-1.0-081524 |          | SDG No.:        | BN082024              |    |  |
| Lab Sample ID:     | P3643-08                |          | Matrix:         | Solid                 |    |  |
| Analytical Method: | 8270-Modified           |          | % Moisture:     | 20.4                  |    |  |
| 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 |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| BN033529.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.15  |           | 17-161 |     | 38         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.152 |           | 23-138 |     | 38         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.132 |           | 28-122 |     | 33         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.133 |           | 25-125 |     | 33         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.155 |           | 33-121 |     | 39         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.168 |           | 32-121 |     | 42         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.075 |           | 19-110 |     | 19         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.143 |           | 21-130 |     | 36         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 6567  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 16948 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 7765  | 14.189    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 14985 | 16.929    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 10392 | 21.139    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 10451 | 23.306    |        |     |            |           |



|                    |                        |        |    |                 |                       |    |
|--------------------|------------------------|--------|----|-----------------|-----------------------|----|
| Client:            |                        |        |    | Date Collected: | 8/15/2024 12:00:00 AM |    |
| Project:           |                        |        |    | Date Received:  | 8/15/2024 12:00:00 AM |    |
| Client Sample ID:  | 932-K1-SD-0-0.5-081524 |        |    | SDG No.:        | BN082024              |    |
| Lab Sample ID:     | P3643-01               |        |    | Matrix:         | Solid                 |    |
| Analytical Method: | 8270-Modified          |        |    | % Moisture:     | 45.6                  |    |
| Sample Wt/Vol:     | 30.07                  | Units: | g  | Final Vol:      | 1000                  | uL |
| Soil Aliquot Vol:  |                        |        | uL | Test:           |                       |    |
| Extraction Type :  | Decanted :             |        |    | Level :         | LOW                   |    |
| Injection Volume : | GPC Factor :           |        |    | GPC Cleanup :   | PH :                  |    |

| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| BN033530.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 2.4   | U         | 2.4  | 12.1 | 12.1       | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether    | 1.6   | U         | 1.6  | 6.1  | 6.1        | ug/Kg |
| 91-20-3        | Naphthalene                | 1.3   | U         | 1.3  | 6.1  | 6.1        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene        | 1.3   | U         | 1.3  | 6.1  | 6.1        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene        | 1.5   | U         | 1.5  | 6.1  | 6.1        | ug/Kg |
| 208-96-8       | Acenaphthylene             | 1.2   | J         | 1.2  | 6.1  | 6.1        | ug/Kg |
| 83-32-9        | Acenaphthene               | 1     | U         | 1    | 6.1  | 6.1        | ug/Kg |
| Total PAH      | Total PAH                  | 98    | U         | 26.6 | 6.1  | 97.6       | ug/Kg |
| 86-73-7        | Fluorene                   | 1.4   | J         | 1.1  | 6.1  | 6.1        | ug/Kg |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 7.8   | U         | 7.8  | 12.1 | 12.1       | ug/Kg |
| 101-55-3       | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 6.1  | 6.1        | ug/Kg |
| 118-74-1       | Hexachlorobenzene          | 1.6   | U         | 1.6  | 6.1  | 6.1        | ug/Kg |
| 1912-24-9      | Atrazine                   | 1.4   | U         | 1.4  | 6.1  | 6.1        | ug/Kg |
| 87-86-5        | Pentachlorophenol          | 5.2   | U         | 5.2  | 12.1 | 12.1       | ug/Kg |
| 85-01-8        | Phenanthrene               | 8     |           | 1.2  | 6.1  | 6.1        | ug/Kg |
| 120-12-7       | Anthracene                 | 1.4   | U         | 1.4  | 6.1  | 6.1        | ug/Kg |
| 206-44-0       | Fluoranthene               | 16.6  |           | 1.2  | 6.1  | 6.1        | ug/Kg |
| 129-00-0       | Pyrene                     | 14.4  |           | 1.7  | 6.1  | 6.1        | ug/Kg |
| 56-55-3        | Benzo(a)anthracene         | 7.2   |           | 1.4  | 6.1  | 6.1        | ug/Kg |
| 218-01-9       | Chrysene                   | 10.8  |           | 1.6  | 6.1  | 6.1        | ug/Kg |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 2.7   | U         | 2.7  | 12.1 | 12.1       | ug/Kg |
| 205-99-2       | Benzo(b)fluoranthene       | 12.5  |           | 2.2  | 6.1  | 6.1        | ug/Kg |
| 207-08-9       | Benzo(k)fluoranthene       | 5.1   | J         | 1.8  | 6.1  | 6.1        | ug/Kg |
| 50-32-8        | Benzo(a)pyrene             | 8.8   |           | 3    | 6.1  | 6.1        | ug/Kg |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 5.2   | J         | 2.3  | 6.1  | 6.1        | ug/Kg |
| 53-70-3        | Dibenzo(a,h)anthracene     | 2.1   | U         | 2.1  | 6.1  | 6.1        | ug/Kg |
| 191-24-2       | Benzo(g,h,i)perylene       | 6.8   |           | 2.1  | 6.1  | 6.1        | ug/Kg |
| 123-91-1       | 1,4-Dioxane                | 4.1   | U         | 4.1  | 12.1 | 12.1       | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 932-K1-SD-0-0.5-081524 | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3643-01               | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified          | % Moisture:     | 45.6                  |
| Sample Wt/Vol:     | 30.07      Units: g    | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN033530.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.159 |           | 17-161 |     | 40         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.112 |           | 23-138 |     | 28         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.175 |           | 28-122 |     | 44         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.177 |           | 25-125 |     | 44         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.205 |           | 33-121 |     | 51         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.164 |           | 32-121 |     | 41         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.13  |           | 19-110 |     | 32         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.097 |           | 21-130 |     | 24         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7280  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 18950 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 8670  | 14.189    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 17003 | 16.929    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 12146 | 21.139    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 12923 | 23.306    |        |     |            |           |

## Report of Analysis

|                    |                          |                 |                       |
|--------------------|--------------------------|-----------------|-----------------------|
| Client:            |                          | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                          | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 932-K1-SD-0-0.5-081524MS | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3643-02MS               | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified            | % Moisture:     | 45.6                  |
| 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 |
| BN033531.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 23.1  |           | 2.4  | 12.1 | 12.1       | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether    | 23.5  |           | 1.6  | 6.1  | 6.1        | ug/Kg |
| 91-20-3        | Naphthalene                | 22.7  |           | 1.3  | 6.1  | 6.1        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene        | 21.6  |           | 1.3  | 6.1  | 6.1        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene        | 22    |           | 1.5  | 6.1  | 6.1        | ug/Kg |
| 208-96-8       | Acenaphthylene             | 23.3  |           | 1.2  | 6.1  | 6.1        | ug/Kg |
| 83-32-9        | Acenaphthene               | 22.1  |           | 1    | 6.1  | 6.1        | ug/Kg |
| Total PAH      | Total PAH                  | 462.6 |           | 26.7 | 6.1  | 97.6       | ug/Kg |
| 86-73-7        | Fluorene                   | 21.7  |           | 1.1  | 6.1  | 6.1        | ug/Kg |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 17.7  |           | 7.8  | 12.1 | 12.1       | ug/Kg |
| 101-55-3       | 4-Bromophenyl-phenylether  | 22    |           | 1.5  | 6.1  | 6.1        | ug/Kg |
| 118-74-1       | Hexachlorobenzene          | 22.2  |           | 1.6  | 6.1  | 6.1        | ug/Kg |
| 1912-24-9      | Atrazine                   | 20.9  |           | 1.4  | 6.1  | 6.1        | ug/Kg |
| 87-86-5        | Pentachlorophenol          | 27.5  |           | 5.2  | 12.1 | 12.1       | ug/Kg |
| 85-01-8        | Phenanthrene               | 31.3  |           | 1.2  | 6.1  | 6.1        | ug/Kg |
| 120-12-7       | Anthracene                 | 24.8  |           | 1.5  | 6.1  | 6.1        | ug/Kg |
| 206-44-0       | Fluoranthene               | 38.6  |           | 1.2  | 6.1  | 6.1        | ug/Kg |
| 129-00-0       | Pyrene                     | 34.8  |           | 1.7  | 6.1  | 6.1        | ug/Kg |
| 56-55-3        | Benzo(a)anthracene         | 31    |           | 1.4  | 6.1  | 6.1        | ug/Kg |
| 218-01-9       | Chrysene                   | 33    |           | 1.6  | 6.1  | 6.1        | ug/Kg |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 24.2  |           | 2.7  | 12.1 | 12.1       | ug/Kg |
| 205-99-2       | Benzo(b)fluoranthene       | 32.8  |           | 2.2  | 6.1  | 6.1        | ug/Kg |
| 207-08-9       | Benzo(k)fluoranthene       | 28.8  |           | 1.8  | 6.1  | 6.1        | ug/Kg |
| 50-32-8        | Benzo(a)pyrene             | 33.1  |           | 3    | 6.1  | 6.1        | ug/Kg |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 29.8  |           | 2.3  | 6.1  | 6.1        | ug/Kg |
| 53-70-3        | Dibenzo(a,h)anthracene     | 25    |           | 2.1  | 6.1  | 6.1        | ug/Kg |
| 191-24-2       | Benzo(g,h,i)perylene       | 29.8  |           | 2.1  | 6.1  | 6.1        | ug/Kg |
| 123-91-1       | 1,4-Dioxane                | 19.3  |           | 4.1  | 12.1 | 12.1       | ug/Kg |

## Report of Analysis

|                    |                          |                 |                       |
|--------------------|--------------------------|-----------------|-----------------------|
| Client:            |                          | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                          | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 932-K1-SD-0-0.5-081524MS | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3643-02MS               | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified            | % Moisture:     | 45.6                  |
| 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 |
| BN033531.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.254 |           | 17-161 |     | 63         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.112 |           | 23-138 |     | 28         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.177 |           | 28-122 |     | 44         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.174 |           | 25-125 |     | 43         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.205 |           | 33-121 |     | 51         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.16  |           | 32-121 |     | 40         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.123 |           | 19-110 |     | 31         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.094 |           | 21-130 |     | 23         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7686  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 19833 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 8933  | 14.178    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 16436 | 16.929    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 12330 | 21.139    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 13621 | 23.309    |        |     |            |           |

## Report of Analysis

|                    |                           |                 |                       |
|--------------------|---------------------------|-----------------|-----------------------|
| Client:            |                           | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                           | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 932-K1-SD-0-0.5-081524MSD | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3643-03MSD               | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified             | % Moisture:     | 45.6                  |
| Sample Wt/Vol:     | 30.05 Units: g            | Final Vol:      | 1000 uL               |
| Soil Aliquot Vol:  | uL                        | Test:           |                       |
| Extraction Type :  | Decanted :                | Level :         | LOW                   |
| Injection Volume : | GPC Factor :              | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN033532.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 21.2  |           | 2.4  | 12.1 | 12.1       | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether    | 21.8  |           | 1.6  | 6.1  | 6.1        | ug/Kg |
| 91-20-3        | Naphthalene                | 21.7  |           | 1.3  | 6.1  | 6.1        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene        | 20.6  |           | 1.3  | 6.1  | 6.1        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene        | 20.9  |           | 1.5  | 6.1  | 6.1        | ug/Kg |
| 208-96-8       | Acenaphthylene             | 22.5  |           | 1.2  | 6.1  | 6.1        | ug/Kg |
| 83-32-9        | Acenaphthene               | 20.9  |           | 1    | 6.1  | 6.1        | ug/Kg |
| Total PAH      | Total PAH                  | 437   |           | 26.6 | 6.1  | 97.6       | ug/Kg |
| 86-73-7        | Fluorene                   | 20.9  |           | 1.1  | 6.1  | 6.1        | ug/Kg |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 16.6  |           | 7.8  | 12.1 | 12.1       | ug/Kg |
| 101-55-3       | 4-Bromophenyl-phenylether  | 20.3  |           | 1.4  | 6.1  | 6.1        | ug/Kg |
| 118-74-1       | Hexachlorobenzene          | 20.1  |           | 1.6  | 6.1  | 6.1        | ug/Kg |
| 1912-24-9      | Atrazine                   | 20.1  |           | 1.4  | 6.1  | 6.1        | ug/Kg |
| 87-86-5        | Pentachlorophenol          | 26.2  |           | 5.2  | 12.1 | 12.1       | ug/Kg |
| 85-01-8        | Phenanthrene               | 29.3  |           | 1.2  | 6.1  | 6.1        | ug/Kg |
| 120-12-7       | Anthracene                 | 23.4  |           | 1.4  | 6.1  | 6.1        | ug/Kg |
| 206-44-0       | Fluoranthene               | 38    |           | 1.2  | 6.1  | 6.1        | ug/Kg |
| 129-00-0       | Pyrene                     | 32.1  |           | 1.7  | 6.1  | 6.1        | ug/Kg |
| 56-55-3        | Benzo(a)anthracene         | 29.3  |           | 1.4  | 6.1  | 6.1        | ug/Kg |
| 218-01-9       | Chrysene                   | 31.7  |           | 1.6  | 6.1  | 6.1        | ug/Kg |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 22.4  |           | 2.7  | 12.1 | 12.1       | ug/Kg |
| 205-99-2       | Benzo(b)fluoranthene       | 30.8  |           | 2.2  | 6.1  | 6.1        | ug/Kg |
| 207-08-9       | Benzo(k)fluoranthene       | 26.8  |           | 1.8  | 6.1  | 6.1        | ug/Kg |
| 50-32-8        | Benzo(a)pyrene             | 31.3  |           | 3    | 6.1  | 6.1        | ug/Kg |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 27.8  |           | 2.3  | 6.1  | 6.1        | ug/Kg |
| 53-70-3        | Dibenzo(a,h)anthracene     | 23.2  |           | 2.1  | 6.1  | 6.1        | ug/Kg |
| 191-24-2       | Benzo(g,h,i)perylene       | 27.3  |           | 2.1  | 6.1  | 6.1        | ug/Kg |
| 123-91-1       | 1,4-Dioxane                | 18.5  |           | 4.1  | 12.1 | 12.1       | ug/Kg |

## Report of Analysis

|                    |                           |                 |                       |
|--------------------|---------------------------|-----------------|-----------------------|
| Client:            |                           | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                           | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 932-K1-SD-0-0.5-081524MSD | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3643-03MSD               | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified             | % Moisture:     | 45.6                  |
| Sample Wt/Vol:     | 30.05      Units:    g    | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                        | Test:           |                       |
| Extraction Type :  | Decanted :                | Level :         | LOW                   |
| Injection Volume : | GPC Factor :              | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN033532.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.241 |           | 17-161 |     | 60         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.11  |           | 23-138 |     | 28         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.166 |           | 28-122 |     | 41         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.163 |           | 25-125 |     | 41         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.194 |           | 33-121 |     | 49         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.153 |           | 32-121 |     | 38         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.126 |           | 19-110 |     | 31         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.088 |           | 21-130 |     | 22         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7979  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 19920 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 8974  | 14.178    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 17742 | 16.929    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 14459 | 21.139    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 16179 | 23.308    |        |     |            |           |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 917-J-SD-0-0.5-081524 | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3643-05              | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 82.2                  |
| 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 |
| BN033533.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number     | Parameter                  | Conc.  | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|----------------------------|--------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                            |        |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 7.4    | U         | 7.4  | 37.1 | 37.1       | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether    | 4.8    | U         | 4.8  | 18.5 | 18.5       | ug/Kg |
| 91-20-3        | Naphthalene                | 3.9    | U         | 3.9  | 18.5 | 18.5       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene        | 3.9    | U         | 3.9  | 18.5 | 18.5       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene        | 4.5    | U         | 4.5  | 18.5 | 18.5       | ug/Kg |
| 208-96-8       | Acenaphthylene             | 3.5    | U         | 3.5  | 18.5 | 18.5       | ug/Kg |
| 83-32-9        | Acenaphthene               | 6      | J         | 3.1  | 18.5 | 18.5       | ug/Kg |
| Total PAH      | Total PAH                  | 2161.9 |           | 81.6 | 18.5 | 296        | ug/Kg |
| 86-73-7        | Fluorene                   | 9.5    | J         | 3.4  | 18.5 | 18.5       | ug/Kg |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 23.9   | U         | 23.9 | 37.1 | 37.1       | ug/Kg |
| 101-55-3       | 4-Bromophenyl-phenylether  | 4.4    | U         | 4.4  | 18.5 | 18.5       | ug/Kg |
| 118-74-1       | Hexachlorobenzene          | 4.8    | U         | 4.8  | 18.5 | 18.5       | ug/Kg |
| 1912-24-9      | Atrazine                   | 4.3    | U         | 4.3  | 18.5 | 18.5       | ug/Kg |
| 87-86-5        | Pentachlorophenol          | 15.8   | U         | 15.8 | 37.1 | 37.1       | ug/Kg |
| 85-01-8        | Phenanthrene               | 130    |           | 3.5  | 18.5 | 18.5       | ug/Kg |
| 120-12-7       | Anthracene                 | 12.5   | J         | 4.4  | 18.5 | 18.5       | ug/Kg |
| 206-44-0       | Fluoranthene               | 400    |           | 3.8  | 18.5 | 18.5       | ug/Kg |
| 129-00-0       | Pyrene                     | 260    |           | 5.3  | 18.5 | 18.5       | ug/Kg |
| 56-55-3        | Benzo(a)anthracene         | 120    |           | 4.3  | 18.5 | 18.5       | ug/Kg |
| 218-01-9       | Chrysene                   | 250    |           | 4.8  | 18.5 | 18.5       | ug/Kg |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 15.5   | J         | 8.3  | 37.1 | 37.1       | ug/Kg |
| 205-99-2       | Benzo(b)fluoranthene       | 320    |           | 6.7  | 18.5 | 18.5       | ug/Kg |
| 207-08-9       | Benzo(k)fluoranthene       | 110    |           | 5.5  | 18.5 | 18.5       | ug/Kg |
| 50-32-8        | Benzo(a)pyrene             | 200    |           | 9.3  | 18.5 | 18.5       | ug/Kg |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 140    |           | 7.1  | 18.5 | 18.5       | ug/Kg |
| 53-70-3        | Dibenzo(a,h)anthracene     | 33.9   |           | 6.6  | 18.5 | 18.5       | ug/Kg |
| 191-24-2       | Benzo(g,h,i)perylene       | 170    |           | 6.4  | 18.5 | 18.5       | ug/Kg |
| 123-91-1       | 1,4-Dioxane                | 12.5   | U         | 12.5 | 37.1 | 37.1       | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 917-J-SD-0-0.5-081524  | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3643-05               | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified          | % Moisture:     | 82.2                  |
| 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 |
| BN033533.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.137 |           | 17-161 |     | 34         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.12  |           | 23-138 |     | 30         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.146 |           | 28-122 |     | 36         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.149 |           | 25-125 |     | 37         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.158 |           | 33-121 |     | 40         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.144 |           | 32-121 |     | 36         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.109 |           | 19-110 |     | 27         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.1   |           | 21-130 |     | 25         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 8553  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 22144 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 9918  | 14.178    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 19249 | 16.929    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 16046 | 21.139    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 16796 | 23.309    |        |     |            |           |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 921-J-SD-0-0.5-081524 | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3643-11              | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 27.2                  |
| Sample Wt/Vol:     | 30.07 Units: g        | Final Vol:      | 1000 uL               |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN033534.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|-------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |       |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 1.8   | U         | 1.8   | 9   | 9          | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether    | 1.2   | U         | 1.2   | 4.5 | 4.5        | ug/Kg |
| 91-20-3        | Naphthalene                | 0.95  | U         | 0.95  | 4.5 | 4.5        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene        | 0.95  | U         | 0.95  | 4.5 | 4.5        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene        | 1.1   | U         | 1.1   | 4.5 | 4.5        | ug/Kg |
| 208-96-8       | Acenaphthylene             | 0.86  | U         | 0.86  | 4.5 | 4.5        | ug/Kg |
| 83-32-9        | Acenaphthene               | 5.6   |           | 0.75  | 4.5 | 4.5        | ug/Kg |
| Total PAH      | Total PAH                  | 634.8 |           | 19.86 | 4.5 | 72         | ug/Kg |
| 86-73-7        | Fluorene                   | 5.1   |           | 0.82  | 4.5 | 4.5        | ug/Kg |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 5.8   | U         | 5.8   | 9   | 9          | ug/Kg |
| 101-55-3       | 4-Bromophenyl-phenylether  | 1.1   | U         | 1.1   | 4.5 | 4.5        | ug/Kg |
| 118-74-1       | Hexachlorobenzene          | 1.2   | U         | 1.2   | 4.5 | 4.5        | ug/Kg |
| 1912-24-9      | Atrazine                   | 1     | U         | 1     | 4.5 | 4.5        | ug/Kg |
| 87-86-5        | Pentachlorophenol          | 3.9   | U         | 3.9   | 9   | 9          | ug/Kg |
| 85-01-8        | Phenanthrene               | 58.8  |           | 0.86  | 4.5 | 4.5        | ug/Kg |
| 120-12-7       | Anthracene                 | 14.3  |           | 1.1   | 4.5 | 4.5        | ug/Kg |
| 206-44-0       | Fluoranthene               | 120   |           | 0.92  | 4.5 | 4.5        | ug/Kg |
| 129-00-0       | Pyrene                     | 84.1  |           | 1.3   | 4.5 | 4.5        | ug/Kg |
| 56-55-3        | Benzo(a)anthracene         | 54.5  |           | 1     | 4.5 | 4.5        | ug/Kg |
| 218-01-9       | Chrysene                   | 55.2  |           | 1.2   | 4.5 | 4.5        | ug/Kg |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 3.9   | J         | 2     | 9   | 9          | ug/Kg |
| 205-99-2       | Benzo(b)fluoranthene       | 72.6  |           | 1.6   | 4.5 | 4.5        | ug/Kg |
| 207-08-9       | Benzo(k)fluoranthene       | 27    |           | 1.3   | 4.5 | 4.5        | ug/Kg |
| 50-32-8        | Benzo(a)pyrene             | 59.4  |           | 2.3   | 4.5 | 4.5        | ug/Kg |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 31.6  |           | 1.7   | 4.5 | 4.5        | ug/Kg |
| 53-70-3        | Dibenzo(a,h)anthracene     | 8.8   |           | 1.6   | 4.5 | 4.5        | ug/Kg |
| 191-24-2       | Benzo(g,h,i)perylene       | 37.8  |           | 1.6   | 4.5 | 4.5        | ug/Kg |
| 123-91-1       | 1,4-Dioxane                | 3     | U         | 3     | 9   | 9          | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 921-J-SD-0-0.5-081524 | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3643-11              | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 27.2                  |
| Sample Wt/Vol:     | 30.07      Units: g   | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN033534.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.207 |           | 17-161 |     | 52         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.207 |           | 23-138 |     | 52         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.226 |           | 28-122 |     | 56         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.196 |           | 25-125 |     | 49         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.212 |           | 33-121 |     | 53         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.224 |           | 32-121 |     | 56         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.161 |           | 19-110 |     | 40         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.175 |           | 21-130 |     | 44         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 8631  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 22375 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 10411 | 14.178    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 20637 | 16.929    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 17009 | 21.139    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 17540 | 23.309    |        |     |            |           |

## Report of Analysis

|                    |                         |                 |                       |
|--------------------|-------------------------|-----------------|-----------------------|
| Client:            |                         | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                         | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 921-J-SD-0.5-1.0-081524 | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3643-12                | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified           | % Moisture:     | 15.2                  |
| Sample Wt/Vol:     | 30.05 Units: g          | Final Vol:      | 1000 uL               |
| Soil Aliquot Vol:  | uL                      | Test:           |                       |
| Extraction Type :  | Decanted :              | Level :         | LOW                   |
| Injection Volume : | GPC Factor :            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN033535.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|-------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |       |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 1.5   | U         | 1.5   | 7.8 | 7.8        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether    | 1     | U         | 1     | 3.9 | 3.9        | ug/Kg |
| 91-20-3        | Naphthalene                | 0.81  | U         | 0.81  | 3.9 | 3.9        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene        | 0.81  | U         | 0.81  | 3.9 | 3.9        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene        | 0.94  | U         | 0.94  | 3.9 | 3.9        | ug/Kg |
| 208-96-8       | Acenaphthylene             | 0.74  | U         | 0.74  | 3.9 | 3.9        | ug/Kg |
| 83-32-9        | Acenaphthene               | 0.82  | J         | 0.65  | 3.9 | 3.9        | ug/Kg |
| Total PAH      | Total PAH                  | 48.38 | J         | 17.16 | 3.9 | 62.4       | ug/Kg |
| 86-73-7        | Fluorene                   | 0.78  | J         | 0.71  | 3.9 | 3.9        | ug/Kg |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 5     | U         | 5     | 7.8 | 7.8        | ug/Kg |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.93  | U         | 0.93  | 3.9 | 3.9        | ug/Kg |
| 118-74-1       | Hexachlorobenzene          | 1     | U         | 1     | 3.9 | 3.9        | ug/Kg |
| 1912-24-9      | Atrazine                   | 0.89  | U         | 0.89  | 3.9 | 3.9        | ug/Kg |
| 87-86-5        | Pentachlorophenol          | 3.3   | U         | 3.3   | 7.8 | 7.8        | ug/Kg |
| 85-01-8        | Phenanthrene               | 4.4   |           | 0.74  | 3.9 | 3.9        | ug/Kg |
| 120-12-7       | Anthracene                 | 0.98  | J         | 0.93  | 3.9 | 3.9        | ug/Kg |
| 206-44-0       | Fluoranthene               | 7.8   |           | 0.79  | 3.9 | 3.9        | ug/Kg |
| 129-00-0       | Pyrene                     | 6.9   |           | 1.1   | 3.9 | 3.9        | ug/Kg |
| 56-55-3        | Benzo(a)anthracene         | 4.4   |           | 0.89  | 3.9 | 3.9        | ug/Kg |
| 218-01-9       | Chrysene                   | 4.4   |           | 1     | 3.9 | 3.9        | ug/Kg |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 1.7   | U         | 1.7   | 7.8 | 7.8        | ug/Kg |
| 205-99-2       | Benzo(b)fluoranthene       | 5.7   |           | 1.4   | 3.9 | 3.9        | ug/Kg |
| 207-08-9       | Benzo(k)fluoranthene       | 2     | J         | 1.2   | 3.9 | 3.9        | ug/Kg |
| 50-32-8        | Benzo(a)pyrene             | 4.7   |           | 2     | 3.9 | 3.9        | ug/Kg |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 2.4   | J         | 1.5   | 3.9 | 3.9        | ug/Kg |
| 53-70-3        | Dibenzo(a,h)anthracene     | 1.4   | U         | 1.4   | 3.9 | 3.9        | ug/Kg |
| 191-24-2       | Benzo(g,h,i)perylene       | 3.1   | J         | 1.3   | 3.9 | 3.9        | ug/Kg |
| 123-91-1       | 1,4-Dioxane                | 2.6   | U         | 2.6   | 7.8 | 7.8        | ug/Kg |

## Report of Analysis

|                    |                         |                 |                       |
|--------------------|-------------------------|-----------------|-----------------------|
| Client:            |                         | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                         | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 921-J-SD-0.5-1.0-081524 | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3643-12                | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified           | % Moisture:     | 15.2                  |
| Sample Wt/Vol:     | 30.05      Units:    g  | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                      | Test:           |                       |
| Extraction Type :  | Decanted :              | Level :         | LOW                   |
| Injection Volume : | GPC Factor :            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN033535.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.13  |           | 17-161 |     | 32         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.118 |           | 23-138 |     | 29         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.124 |           | 28-122 |     | 31         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.127 |           | 25-125 |     | 32         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.14  |           | 33-121 |     | 35         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.137 |           | 32-121 |     | 34         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.104 |           | 19-110 |     | 26         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.107 |           | 21-130 |     | 27         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 10294 | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 27191 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 12637 | 14.178    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 23917 | 16.929    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 17698 | 21.139    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 19491 | 23.312    |        |     |            |           |

## Report of Analysis

|                    |                             |                 |                       |
|--------------------|-----------------------------|-----------------|-----------------------|
| Client:            |                             | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                             | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 921-K1-SD-0.5-1.0-081524-FD | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3643-14                    | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified               | % Moisture:     | 27.2                  |
| Sample Wt/Vol:     | 30.03      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 |
| BN033536.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number     | Parameter                  | Conc.  | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|--------|-----------|-------|-----|------------|-------|
| <b>TARGETS</b> |                            |        |           |       |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 1.8    | U         | 1.8   | 9.1 | 9.1        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether    | 1.2    | U         | 1.2   | 4.5 | 4.5        | ug/Kg |
| 91-20-3        | Naphthalene                | 2      | J         | 0.95  | 4.5 | 4.5        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene        | 0.95   | U         | 0.95  | 4.5 | 4.5        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene        | 3.8    | J         | 1.1   | 4.5 | 4.5        | ug/Kg |
| 208-96-8       | Acenaphthylene             | 0.86   | U         | 0.86  | 4.5 | 4.5        | ug/Kg |
| 83-32-9        | Acenaphthene               | 27.4   |           | 0.75  | 4.5 | 4.5        | ug/Kg |
| Total PAH      | Total PAH                  | 1068.4 |           | 19.86 | 4.5 | 72         | ug/Kg |
| 86-73-7        | Fluorene                   | 17.8   |           | 0.82  | 4.5 | 4.5        | ug/Kg |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 5.8    | U         | 5.8   | 9.1 | 9.1        | ug/Kg |
| 101-55-3       | 4-Bromophenyl-phenylether  | 1.1    | U         | 1.1   | 4.5 | 4.5        | ug/Kg |
| 118-74-1       | Hexachlorobenzene          | 1.2    | U         | 1.2   | 4.5 | 4.5        | ug/Kg |
| 1912-24-9      | Atrazine                   | 1      | U         | 1     | 4.5 | 4.5        | ug/Kg |
| 87-86-5        | Pentachlorophenol          | 3.9    | U         | 3.9   | 9.1 | 9.1        | ug/Kg |
| 85-01-8        | Phenanthrene               | 160    |           | 0.86  | 4.5 | 4.5        | ug/Kg |
| 120-12-7       | Anthracene                 | 49.4   |           | 1.1   | 4.5 | 4.5        | ug/Kg |
| 206-44-0       | Fluoranthene               | 200    |           | 0.92  | 4.5 | 4.5        | ug/Kg |
| 129-00-0       | Pyrene                     | 150    |           | 1.3   | 4.5 | 4.5        | ug/Kg |
| 56-55-3        | Benzo(a)anthracene         | 91.6   |           | 1     | 4.5 | 4.5        | ug/Kg |
| 218-01-9       | Chrysene                   | 79.9   |           | 1.2   | 4.5 | 4.5        | ug/Kg |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 4.4    | J         | 2     | 9.1 | 9.1        | ug/Kg |
| 205-99-2       | Benzo(b)fluoranthene       | 90.7   |           | 1.6   | 4.5 | 4.5        | ug/Kg |
| 207-08-9       | Benzo(k)fluoranthene       | 32.2   |           | 1.3   | 4.5 | 4.5        | ug/Kg |
| 50-32-8        | Benzo(a)pyrene             | 80.6   |           | 2.3   | 4.5 | 4.5        | ug/Kg |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 35.3   |           | 1.7   | 4.5 | 4.5        | ug/Kg |
| 53-70-3        | Dibenzo(a,h)anthracene     | 10.5   |           | 1.6   | 4.5 | 4.5        | ug/Kg |
| 191-24-2       | Benzo(g,h,i)perylene       | 41     |           | 1.6   | 4.5 | 4.5        | ug/Kg |
| 123-91-1       | 1,4-Dioxane                | 3      | U         | 3     | 9.1 | 9.1        | ug/Kg |

## Report of Analysis

|                    |                             |                 |                       |
|--------------------|-----------------------------|-----------------|-----------------------|
| Client:            |                             | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                             | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 921-K1-SD-0.5-1.0-081524-FD | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3643-14                    | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified               | % Moisture:     | 27.2                  |
| Sample Wt/Vol:     | 30.03      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 |
| BN033536.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.127 |           | 17-161 |     | 32         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.129 |           | 23-138 |     | 32         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.111 |           | 28-122 |     | 28         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.114 |           | 25-125 |     | 28         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.129 | *         | 33-121 |     | 32         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.135 |           | 32-121 |     | 34         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.093 |           | 19-110 |     | 23         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.116 |           | 21-130 |     | 29         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 10059 | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 26280 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 12154 | 14.178    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 23082 | 16.929    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 18303 | 21.139    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 19480 | 23.312    |        |     |            |           |



|                    |                         |        |    |                 |                       |    |
|--------------------|-------------------------|--------|----|-----------------|-----------------------|----|
| Client:            |                         |        |    | Date Collected: | 8/15/2024 12:00:00 AM |    |
| Project:           |                         |        |    | Date Received:  | 8/15/2024 12:00:00 AM |    |
| Client Sample ID:  | 917-J-SD-0.5-1.0-081524 |        |    | SDG No.:        | BN082024              |    |
| Lab Sample ID:     | P3643-06                |        |    | Matrix:         | Solid                 |    |
| Analytical Method: | 8270-Modified           |        |    | % Moisture:     | 35.4                  |    |
| Sample Wt/Vol:     | 30.05                   | Units: | g  | Final Vol:      | 1000                  | uL |
| Soil Aliquot Vol:  |                         |        | uL | Test:           |                       |    |
| Extraction Type :  | Decanted :              |        |    | Level :         | LOW                   |    |
| Injection Volume : | GPC Factor :            |        |    | GPC Cleanup :   | PH :                  |    |

| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| BN033537.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-------|------|------------|-------|
| TARGETS    |                            |       |           |       |      |            |       |
| 62-75-9    | n-Nitrosodimethylamine     | 2     | U         | 2     | 10.2 | 10.2       | ug/Kg |
| 111-44-4   | bis(2-Chloroethyl)ether    | 1.3   | U         | 1.3   | 5.1  | 5.1        | ug/Kg |
| 91-20-3    | Naphthalene                | 1.1   | U         | 1.1   | 5.1  | 5.1        | ug/Kg |
| 87-68-3    | Hexachlorobutadiene        | 1.1   | U         | 1.1   | 5.1  | 5.1        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene        | 1.2   | U         | 1.2   | 5.1  | 5.1        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 2.6   | J         | 0.97  | 5.1  | 5.1        | ug/Kg |
| 83-32-9    | Acenaphthene               | 4     | J         | 0.85  | 5.1  | 5.1        | ug/Kg |
| Total PAH  | Total PAH                  | 700.3 |           | 22.42 | 5.1  | 81.6       | ug/Kg |
| 86-73-7    | Fluorene                   | 5     | J         | 0.93  | 5.1  | 5.1        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 6.6   | U         | 6.6   | 10.2 | 10.2       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.2   | U         | 1.2   | 5.1  | 5.1        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1.3   | U         | 1.3   | 5.1  | 5.1        | ug/Kg |
| 1912-24-9  | Atrazine                   | 1.2   | U         | 1.2   | 5.1  | 5.1        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 4.4   | U         | 4.4   | 10.2 | 10.2       | ug/Kg |
| 85-01-8    | Phenanthrene               | 57.1  |           | 0.97  | 5.1  | 5.1        | ug/Kg |
| 120-12-7   | Anthracene                 | 9.7   |           | 1.2   | 5.1  | 5.1        | ug/Kg |
| 206-44-0   | Fluoranthene               | 130   |           | 1     | 5.1  | 5.1        | ug/Kg |
| 129-00-0   | Pyrene                     | 91.9  |           | 1.5   | 5.1  | 5.1        | ug/Kg |
| 56-55-3    | Benzo(a)anthracene         | 50.5  |           | 1.2   | 5.1  | 5.1        | ug/Kg |
| 218-01-9   | Chrysene                   | 68.1  |           | 1.3   | 5.1  | 5.1        | ug/Kg |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 4.9   | J         | 2.3   | 10.2 | 10.2       | ug/Kg |
| 205-99-2   | Benzo(b)fluoranthene       | 88.8  |           | 1.8   | 5.1  | 5.1        | ug/Kg |
| 207-08-9   | Benzo(k)fluoranthene       | 33.7  |           | 1.5   | 5.1  | 5.1        | ug/Kg |
| 50-32-8    | Benzo(a)pyrene             | 62.8  |           | 2.6   | 5.1  | 5.1        | ug/Kg |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 39    |           | 1.9   | 5.1  | 5.1        | ug/Kg |
| 53-70-3    | Dibenzo(a,h)anthracene     | 10    |           | 1.8   | 5.1  | 5.1        | ug/Kg |
| 191-24-2   | Benzo(g,h,i)perylene       | 47.1  |           | 1.8   | 5.1  | 5.1        | ug/Kg |
| 123-91-1   | 1,4-Dioxane                | 3.4   | U         | 3.4   | 10.2 | 10.2       | ug/Kg |

## Report of Analysis

|                    |                         |                 |                       |
|--------------------|-------------------------|-----------------|-----------------------|
| Client:            |                         | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                         | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 917-J-SD-0.5-1.0-081524 | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3643-06                | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified           | % Moisture:     | 35.4                  |
| Sample Wt/Vol:     | 30.05      Units: g     | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                      | Test:           |                       |
| Extraction Type :  | Decanted :              | Level :         | LOW                   |
| Injection Volume : | GPC Factor :            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN033537.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.192 |           | 17-161 |     | 48         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.152 |           | 23-138 |     | 38         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.201 |           | 28-122 |     | 50         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.203 |           | 25-125 |     | 51         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.218 |           | 33-121 |     | 54         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.196 |           | 32-121 |     | 49         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.148 |           | 19-110 |     | 37         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.125 |           | 21-130 |     | 31         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 10023 | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 26186 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 12012 | 14.178    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 22511 | 16.929    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 17781 | 21.139    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 19256 | 23.309    |        |     |            |           |

## Report of Analysis

|                    |                          |                 |                       |
|--------------------|--------------------------|-----------------|-----------------------|
| Client:            |                          | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                          | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 921-J-SD-0-0.5-081524-FD | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3643-13                 | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified            | % Moisture:     | 17.8                  |
| 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 |
| BN033538.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number     | Parameter                  | Conc.  | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|--------|-----------|-------|-----|------------|-------|
| <b>TARGETS</b> |                            |        |           |       |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 1.6    | U         | 1.6   | 8   | 8          | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether    | 1      | U         | 1     | 4   | 4          | ug/Kg |
| 91-20-3        | Naphthalene                | 3      | J         | 0.84  | 4   | 4          | ug/Kg |
| 87-68-3        | Hexachlorobutadiene        | 0.84   | U         | 0.84  | 4   | 4          | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene        | 4      |           | 0.97  | 4   | 4          | ug/Kg |
| 208-96-8       | Acenaphthylene             | 2.7    | J         | 0.76  | 4   | 4          | ug/Kg |
| 83-32-9        | Acenaphthene               | 39.4   |           | 0.67  | 4   | 4          | ug/Kg |
| Total PAH      | Total PAH                  | 3254.7 |           | 17.55 | 4   | 64         | ug/Kg |
| 86-73-7        | Fluorene                   | 29.6   |           | 0.73  | 4   | 4          | ug/Kg |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 5.2    | U         | 5.2   | 8   | 8          | ug/Kg |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.96   | U         | 0.96  | 4   | 4          | ug/Kg |
| 118-74-1       | Hexachlorobenzene          | 1      | U         | 1     | 4   | 4          | ug/Kg |
| 1912-24-9      | Atrazine                   | 0.92   | U         | 0.92  | 4   | 4          | ug/Kg |
| 87-86-5        | Pentachlorophenol          | 3.4    | U         | 3.4   | 8   | 8          | ug/Kg |
| 85-01-8        | Phenanthrene               | 370    | E         | 0.76  | 4   | 4          | ug/Kg |
| 120-12-7       | Anthracene                 | 100    |           | 0.96  | 4   | 4          | ug/Kg |
| 206-44-0       | Fluoranthene               | 610    | E         | 0.81  | 4   | 4          | ug/Kg |
| 129-00-0       | Pyrene                     | 450    | E         | 1.2   | 4   | 4          | ug/Kg |
| 56-55-3        | Benzo(a)anthracene         | 300    | E         | 0.92  | 4   | 4          | ug/Kg |
| 218-01-9       | Chrysene                   | 270    | E         | 1     | 4   | 4          | ug/Kg |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 8.9    |           | 1.8   | 8   | 8          | ug/Kg |
| 205-99-2       | Benzo(b)fluoranthene       | 320    | E         | 1.4   | 4   | 4          | ug/Kg |
| 207-08-9       | Benzo(k)fluoranthene       | 120    |           | 1.2   | 4   | 4          | ug/Kg |
| 50-32-8        | Benzo(a)pyrene             | 300    | E         | 2     | 4   | 4          | ug/Kg |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 140    |           | 1.5   | 4   | 4          | ug/Kg |
| 53-70-3        | Dibenzo(a,h)anthracene     | 40     |           | 1.4   | 4   | 4          | ug/Kg |
| 191-24-2       | Benzo(g,h,i)perylene       | 160    |           | 1.4   | 4   | 4          | ug/Kg |
| 123-91-1       | 1,4-Dioxane                | 2.7    | U         | 2.7   | 8   | 8          | ug/Kg |

## Report of Analysis

|                    |                          |                 |                       |
|--------------------|--------------------------|-----------------|-----------------------|
| Client:            |                          | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                          | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 921-J-SD-0-0.5-081524-FD | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3643-13                 | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified            | % Moisture:     | 17.8                  |
| 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 |
| BN033538.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.166 |           | 17-161 |     | 41         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.149 |           | 23-138 |     | 37         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.155 |           | 28-122 |     | 39         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.157 |           | 25-125 |     | 39         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.179 |           | 33-121 |     | 45         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.171 |           | 32-121 |     | 43         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.131 |           | 19-110 |     | 33         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.135 |           | 21-130 |     | 34         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 9975  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 26508 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 12623 | 14.178    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 23903 | 16.929    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 19394 | 21.139    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 20944 | 23.312    |        |     |            |           |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 918-J-SD-0-0.5-081524 | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3643-07              | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 26.4                  |
| Sample Wt/Vol:     | 30.04 Units: g        | Final Vol:      | 1000 uL               |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN033539.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number     | Parameter                  | Conc.  | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|--------|-----------|-------|-----|------------|-------|
| <b>TARGETS</b> |                            |        |           |       |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 1.8    | U         | 1.8   | 9   | 9          | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether    | 1.2    | U         | 1.2   | 4.5 | 4.5        | ug/Kg |
| 91-20-3        | Naphthalene                | 9.2    |           | 0.94  | 4.5 | 4.5        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene        | 0.94   | U         | 0.94  | 4.5 | 4.5        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene        | 6.7    |           | 1.1   | 4.5 | 4.5        | ug/Kg |
| 208-96-8       | Acenaphthylene             | 2.6    | J         | 0.85  | 4.5 | 4.5        | ug/Kg |
| 83-32-9        | Acenaphthene               | 130    |           | 0.75  | 4.5 | 4.5        | ug/Kg |
| Total PAH      | Total PAH                  | 3623.6 |           | 19.71 | 4.5 | 72         | ug/Kg |
| 86-73-7        | Fluorene                   | 120    |           | 0.81  | 4.5 | 4.5        | ug/Kg |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 5.8    | U         | 5.8   | 9   | 9          | ug/Kg |
| 101-55-3       | 4-Bromophenyl-phenylether  | 1.1    | U         | 1.1   | 4.5 | 4.5        | ug/Kg |
| 118-74-1       | Hexachlorobenzene          | 1.2    | U         | 1.2   | 4.5 | 4.5        | ug/Kg |
| 1912-24-9      | Atrazine                   | 1      | U         | 1     | 4.5 | 4.5        | ug/Kg |
| 87-86-5        | Pentachlorophenol          | 3.8    | U         | 3.8   | 9   | 9          | ug/Kg |
| 85-01-8        | Phenanthrene               | 490    | E         | 0.85  | 4.5 | 4.5        | ug/Kg |
| 120-12-7       | Anthracene                 | 120    |           | 1.1   | 4.5 | 4.5        | ug/Kg |
| 206-44-0       | Fluoranthene               | 630    | E         | 0.91  | 4.5 | 4.5        | ug/Kg |
| 129-00-0       | Pyrene                     | 400    | E         | 1.3   | 4.5 | 4.5        | ug/Kg |
| 56-55-3        | Benzo(a)anthracene         | 320    | E         | 1     | 4.5 | 4.5        | ug/Kg |
| 218-01-9       | Chrysene                   | 310    | E         | 1.2   | 4.5 | 4.5        | ug/Kg |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 19.8   |           | 2     | 9   | 9          | ug/Kg |
| 205-99-2       | Benzo(b)fluoranthene       | 320    | E         | 1.6   | 4.5 | 4.5        | ug/Kg |
| 207-08-9       | Benzo(k)fluoranthene       | 130    |           | 1.3   | 4.5 | 4.5        | ug/Kg |
| 50-32-8        | Benzo(a)pyrene             | 310    | E         | 2.3   | 4.5 | 4.5        | ug/Kg |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 130    |           | 1.7   | 4.5 | 4.5        | ug/Kg |
| 53-70-3        | Dibenzo(a,h)anthracene     | 41.8   |           | 1.6   | 4.5 | 4.5        | ug/Kg |
| 191-24-2       | Benzo(g,h,i)perylene       | 160    |           | 1.5   | 4.5 | 4.5        | ug/Kg |
| 123-91-1       | 1,4-Dioxane                | 3      | U         | 3     | 9   | 9          | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 8/15/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 8/15/2024 12:00:00 AM |
| Client Sample ID:  | 918-J-SD-0-0.5-081524 | SDG No.:        | BN082024              |
| Lab Sample ID:     | P3643-07              | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 26.4                  |
| Sample Wt/Vol:     | 30.04      Units: g   | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN033539.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.123 |           | 17-161 |     | 31         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.12  |           | 23-138 |     | 30         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.118 |           | 28-122 |     | 29         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.114 |           | 25-125 |     | 28         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.13  | *         | 33-121 |     | 32         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.128 |           | 32-121 |     | 32         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.1   |           | 19-110 |     | 25         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.084 |           | 21-130 |     | 21         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 8918  | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 22419 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 10205 | 14.178    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 20340 | 16.929    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 19172 | 21.139    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 22321 | 23.314    |        |     |            |           |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 8/20/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 8/20/2024 12:00:00 AM |
| Client Sample ID:  | PB162860BS     | SDG No.:        | BN082024              |
| Lab Sample ID:     | PB162860BS     | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified  | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.03 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 |
| BN033540.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|-------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |       |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 10.7  |           | 1.3   | 6.6 | 6.6        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether    | 13.4  |           | 0.85  | 3.3 | 3.3        | ug/Kg |
| 91-20-3        | Naphthalene                | 12.5  |           | 0.69  | 3.3 | 3.3        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene        | 12.7  |           | 0.69  | 3.3 | 3.3        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene        | 12.2  |           | 0.8   | 3.3 | 3.3        | ug/Kg |
| 208-96-8       | Acenaphthylene             | 12.3  |           | 0.63  | 3.3 | 3.3        | ug/Kg |
| 83-32-9        | Acenaphthene               | 12.1  |           | 0.55  | 3.3 | 3.3        | ug/Kg |
| Total PAH      | Total PAH                  | 198   |           | 14.61 | 3.3 | 52.8       | ug/Kg |
| 86-73-7        | Fluorene                   | 11.5  |           | 0.6   | 3.3 | 3.3        | ug/Kg |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 5     | J         | 4.2   | 6.6 | 6.6        | ug/Kg |
| 101-55-3       | 4-Bromophenyl-phenylether  | 12.9  |           | 0.79  | 3.3 | 3.3        | ug/Kg |
| 118-74-1       | Hexachlorobenzene          | 13.2  |           | 0.85  | 3.3 | 3.3        | ug/Kg |
| 1912-24-9      | Atrazine                   | 11.3  |           | 0.76  | 3.3 | 3.3        | ug/Kg |
| 87-86-5        | Pentachlorophenol          | 10.2  |           | 2.8   | 6.6 | 6.6        | ug/Kg |
| 85-01-8        | Phenanthrene               | 12.7  |           | 0.63  | 3.3 | 3.3        | ug/Kg |
| 120-12-7       | Anthracene                 | 12.6  |           | 0.79  | 3.3 | 3.3        | ug/Kg |
| 206-44-0       | Fluoranthene               | 12.6  |           | 0.67  | 3.3 | 3.3        | ug/Kg |
| 129-00-0       | Pyrene                     | 11.6  |           | 0.95  | 3.3 | 3.3        | ug/Kg |
| 56-55-3        | Benzo(a)anthracene         | 13.4  |           | 0.76  | 3.3 | 3.3        | ug/Kg |
| 218-01-9       | Chrysene                   | 12.8  |           | 0.86  | 3.3 | 3.3        | ug/Kg |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 14.3  |           | 1.5   | 6.6 | 6.6        | ug/Kg |
| 205-99-2       | Benzo(b)fluoranthene       | 12.2  |           | 1.2   | 3.3 | 3.3        | ug/Kg |
| 207-08-9       | Benzo(k)fluoranthene       | 12.1  |           | 0.98  | 3.3 | 3.3        | ug/Kg |
| 50-32-8        | Benzo(a)pyrene             | 12.8  |           | 1.7   | 3.3 | 3.3        | ug/Kg |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 12.4  |           | 1.3   | 3.3 | 3.3        | ug/Kg |
| 53-70-3        | Dibenzo(a,h)anthracene     | 12.2  |           | 1.2   | 3.3 | 3.3        | ug/Kg |
| 191-24-2       | Benzo(g,h,i)perylene       | 12.2  |           | 1.1   | 3.3 | 3.3        | ug/Kg |
| 123-91-1       | 1,4-Dioxane                | 11.4  |           | 2.2   | 6.6 | 6.6        | ug/Kg |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 8/20/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 8/20/2024 12:00:00 AM |
| Client Sample ID:  | PB162860BS          | SDG No.:        | BN082024              |
| Lab Sample ID:     | PB162860BS          | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified       | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.03      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 |
| BN033540.D        | 1         | 8/20/2024 12:00:00 AM | 8/21/2024 12:00:00 AM | PB162860      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.352 |           | 17-161 |     | 88         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.365 |           | 23-138 |     | 91         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.304 |           | 28-122 |     | 76         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.318 |           | 25-125 |     | 79         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.355 |           | 33-121 |     | 89         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.389 |           | 32-121 |     | 97         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.268 |           | 19-110 |     | 67         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.31  |           | 21-130 |     | 77         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 13819 | 7.552     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 36617 | 10.314    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 17030 | 14.178    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 30833 | 16.929    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 23913 | 21.139    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 26894 | 23.312    |        |     |            |           |

## Report of Analysis

|                    |               |              |    |                 |          |      |  |
|--------------------|---------------|--------------|----|-----------------|----------|------|--|
| Client:            |               |              |    | Date Collected: |          |      |  |
| Project:           |               |              |    | Date Received:  |          |      |  |
| Client Sample ID:  | SP6606        |              |    | SDG No.:        | BN082024 |      |  |
| Lab Sample ID:     | SP6606        |              |    | Matrix:         | Water    |      |  |
| Analytical Method: | 8270-Modified |              |    | % Moisture:     | 100      |      |  |
| Sample Wt/Vol:     | 1000          | Units:       | mL | Final Vol:      | 1000000  | uL   |  |
| Soil Aliquot Vol:  |               |              | uL | Test:           |          |      |  |
| Extraction Type :  |               | Decanted :   |    | Level :         | LOW      |      |  |
| Injection Volume : |               | GPC Factor : |    | GPC Cleanup :   |          | PH : |  |

|                   |           |           |                       |               |
|-------------------|-----------|-----------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed         | Prep Batch ID |
| BN033541.D        | 1         |           | 8/21/2024 12:00:00 AM |               |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|-----|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |     |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 330   |           | 30  | 200 | 200        | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 390   |           | 28  | 100 | 100        | ug/L  |
| 91-20-3        | Naphthalene                | 360   |           | 24  | 100 | 100        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 360   |           | 26  | 100 | 100        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 340   |           | 30  | 100 | 100        | ug/L  |
| 208-96-8       | Acenaphthylene             | 360   |           | 21  | 100 | 100        | ug/L  |
| 83-32-9        | Acenaphthene               | 340   |           | 20  | 100 | 100        | ug/L  |
| Total PAH      | Total PAH                  | 5700  |           | 456 | 100 | 1600       | ug/L  |
| 86-73-7        | Fluorene                   | 320   |           | 18  | 100 | 100        | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 160   | J         | 140 | 200 | 200        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 360   |           | 26  | 100 | 100        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 380   |           | 29  | 100 | 100        | ug/L  |
| 1912-24-9      | Atrazine                   | 330   |           | 23  | 100 | 100        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 600   |           | 90  | 200 | 200        | ug/L  |
| 85-01-8        | Phenanthrene               | 370   |           | 20  | 100 | 100        | ug/L  |
| 120-12-7       | Anthracene                 | 370   |           | 24  | 100 | 100        | ug/L  |
| 206-44-0       | Fluoranthene               | 350   |           | 23  | 100 | 100        | ug/L  |
| 129-00-0       | Pyrene                     | 310   |           | 22  | 100 | 100        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 370   |           | 22  | 100 | 100        | ug/L  |
| 218-01-9       | Chrysene                   | 380   |           | 26  | 100 | 100        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 320   |           | 140 | 200 | 200        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 340   |           | 32  | 100 | 100        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 340   |           | 34  | 100 | 100        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 390   |           | 56  | 100 | 100        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 380   |           | 38  | 100 | 100        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 370   |           | 39  | 100 | 100        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 350   |           | 37  | 100 | 100        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 360   |           | 68  | 200 | 200        | ug/L  |

## Report of Analysis

|                    |               |              |    |                 |          |      |  |
|--------------------|---------------|--------------|----|-----------------|----------|------|--|
| Client:            |               |              |    | Date Collected: |          |      |  |
| Project:           |               |              |    | Date Received:  |          |      |  |
| Client Sample ID:  | SP6606        |              |    | SDG No.:        | BN082024 |      |  |
| Lab Sample ID:     | SP6606        |              |    | Matrix:         | Water    |      |  |
| Analytical Method: | 8270-Modified |              |    | % Moisture:     | 100      |      |  |
| Sample Wt/Vol:     | 1000          | Units:       | mL | Final Vol:      | 1000000  | uL   |  |
| Soil Aliquot Vol:  |               |              | uL | Test:           |          |      |  |
| Extraction Type :  |               | Decanted :   |    | Level :         | LOW      |      |  |
| Injection Volume : |               | GPC Factor : |    | GPC Cleanup :   |          | PH : |  |

|                   |           |           |                       |               |
|-------------------|-----------|-----------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed         | Prep Batch ID |
| BN033541.D        | 1         |           | 8/21/2024 12:00:00 AM |               |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0     | U         | 20-139 |     | 0          | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0     | U         | 30-150 |     | 0          | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0     | U         | 10-100 |     | 0          | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0     | U         | 10-100 |     | 0          | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0     | U         | 27-123 |     | 0          | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0     | U         | 34-132 |     | 0          | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0     | U         | 10-131 |     | 0          | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0     | U         | 35-157 |     | 0          | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 8900  |           | 7.552  |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 22498 |           | 10.314 |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 9785  |           | 14.178 |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 17239 |           | 16.929 |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 14073 |           | 21.139 |     |            |           |
| 1520-96-3                 | Perylene-d12            | 17245 |           | 23.312 |     |            |           |

### Hit Summary Sheet SW-846

SDG No.: BN082024

Client:

| Sample ID                          | Client ID              |       | Parameter                  | Concentration | C | MDL  | RDL  | Units |
|------------------------------------|------------------------|-------|----------------------------|---------------|---|------|------|-------|
| Client ID : TT189D2-HYD-20240813   |                        |       |                            |               |   |      |      |       |
| P3623-02                           | TT189D2-HYD-2024081    | Water | 1,4-Dioxane                | 0.610         |   | 0.07 | 0.2  | ug/L  |
| Total Svoc :                       |                        |       |                            | 0.61          |   |      |      |       |
| Total Concentration:               |                        |       |                            | 0.61          |   |      |      |       |
| Client ID : 932-K1-SD-0-0.5-081524 |                        |       |                            |               |   |      |      |       |
| P3643-01                           | 932-K1-SD-0-0.5-081524 | Solid | Acenaphthylene             | 1.200         | J | 1.2  | 6.1  | ug/Kg |
| P3643-01                           | 932-K1-SD-0-0.5-081524 | Solid | Benzo(a)anthracene         | 7.200         |   | 1.4  | 6.1  | ug/Kg |
| P3643-01                           | 932-K1-SD-0-0.5-081524 | Solid | Benzo(a)pyrene             | 8.800         |   | 3    | 6.1  | ug/Kg |
| P3643-01                           | 932-K1-SD-0-0.5-081524 | Solid | Benzo(b)fluoranthene       | 12.500        |   | 2.2  | 6.1  | ug/Kg |
| P3643-01                           | 932-K1-SD-0-0.5-081524 | Solid | Benzo(g,h,i)perylene       | 6.800         |   | 2.1  | 6.1  | ug/Kg |
| P3643-01                           | 932-K1-SD-0-0.5-081524 | Solid | Benzo(k)fluoranthene       | 5.100         | J | 1.8  | 6.1  | ug/Kg |
| P3643-01                           | 932-K1-SD-0-0.5-081524 | Solid | Chrysene                   | 10.800        |   | 1.6  | 6.1  | ug/Kg |
| P3643-01                           | 932-K1-SD-0-0.5-081524 | Solid | Fluoranthene               | 16.600        |   | 1.2  | 6.1  | ug/Kg |
| P3643-01                           | 932-K1-SD-0-0.5-081524 | Solid | Fluorene                   | 1.400         | J | 1.1  | 6.1  | ug/Kg |
| P3643-01                           | 932-K1-SD-0-0.5-081524 | Solid | Indeno(1,2,3-cd)pyrene     | 5.200         | J | 2.3  | 6.1  | ug/Kg |
| P3643-01                           | 932-K1-SD-0-0.5-081524 | Solid | Phenanthrene               | 8.000         |   | 1.2  | 6.1  | ug/Kg |
| P3643-01                           | 932-K1-SD-0-0.5-081524 | Solid | Pyrene                     | 14.400        |   | 1.7  | 6.1  | ug/Kg |
| Total Svoc :                       |                        |       |                            | 98.00         |   |      |      |       |
| Total Concentration:               |                        |       |                            | 98.00         |   |      |      |       |
| Client ID : 917-J-SD-0-0.5-081524  |                        |       |                            |               |   |      |      |       |
| P3643-05                           | 917-J-SD-0-0.5-081524  | Solid | Acenaphthene               | 6.000         | J | 3.1  | 18.5 | ug/Kg |
| P3643-05                           | 917-J-SD-0-0.5-081524  | Solid | Anthracene                 | 12.500        | J | 4.4  | 18.5 | ug/Kg |
| P3643-05                           | 917-J-SD-0-0.5-081524  | Solid | Benzo(a)anthracene         | 120.000       |   | 4.3  | 18.5 | ug/Kg |
| P3643-05                           | 917-J-SD-0-0.5-081524  | Solid | Benzo(a)pyrene             | 200.000       |   | 9.3  | 18.5 | ug/Kg |
| P3643-05                           | 917-J-SD-0-0.5-081524  | Solid | Benzo(b)fluoranthene       | 320.000       |   | 6.7  | 18.5 | ug/Kg |
| P3643-05                           | 917-J-SD-0-0.5-081524  | Solid | Benzo(g,h,i)perylene       | 170.000       |   | 6.4  | 18.5 | ug/Kg |
| P3643-05                           | 917-J-SD-0-0.5-081524  | Solid | Benzo(k)fluoranthene       | 110.000       |   | 5.5  | 18.5 | ug/Kg |
| P3643-05                           | 917-J-SD-0-0.5-081524  | Solid | Bis(2-ethylhexyl)phthalate | 15.500        | J | 8.3  | 37.1 | ug/Kg |
| P3643-05                           | 917-J-SD-0-0.5-081524  | Solid | Chrysene                   | 250.000       |   | 4.8  | 18.5 | ug/Kg |
| P3643-05                           | 917-J-SD-0-0.5-081524  | Solid | Dibenzo(a,h)anthracene     | 33.900        |   | 6.6  | 18.5 | ug/Kg |
| P3643-05                           | 917-J-SD-0-0.5-081524  | Solid | Fluoranthene               | 400.000       |   | 3.8  | 18.5 | ug/Kg |
| P3643-05                           | 917-J-SD-0-0.5-081524  | Solid | Fluorene                   | 9.500         | J | 3.4  | 18.5 | ug/Kg |
| P3643-05                           | 917-J-SD-0-0.5-081524  | Solid | Indeno(1,2,3-cd)pyrene     | 140.000       |   | 7.1  | 18.5 | ug/Kg |
| P3643-05                           | 917-J-SD-0-0.5-081524  | Solid | Phenanthrene               | 130.000       |   | 3.5  | 18.5 | ug/Kg |
| P3643-05                           | 917-J-SD-0-0.5-081524  | Solid | Pyrene                     | 260.000       |   | 5.3  | 18.5 | ug/Kg |
| P3643-05                           | 917-J-SD-0-0.5-081524  | Solid | Total PAH                  | 2,161.000     |   | 81.6 | 296  | ug/Kg |
| Total Svoc :                       |                        |       |                            | 4,338.40      |   |      |      |       |

### Hit Summary Sheet SW-846

SDG No.: BN082024

Client:

| Sample ID                           | Client ID               | Matrix | Parameter                  | Concentration | C | MDL   | RDL  | Units |
|-------------------------------------|-------------------------|--------|----------------------------|---------------|---|-------|------|-------|
| Total Concentration:                |                         |        |                            | 4,338.40      |   |       |      |       |
| Client ID : 917-J-SD-0.5-1.0-081524 |                         |        |                            |               |   |       |      |       |
| P3643-06                            | 917-J-SD-0.5-1.0-081524 | Solid  | Acenaphthene               | 4.000         | J | 0.85  | 5.1  | ug/Kg |
| P3643-06                            | 917-J-SD-0.5-1.0-081524 | Solid  | Acenaphthylene             | 2.600         | J | 0.97  | 5.1  | ug/Kg |
| P3643-06                            | 917-J-SD-0.5-1.0-081524 | Solid  | Anthracene                 | 9.700         |   | 1.2   | 5.1  | ug/Kg |
| P3643-06                            | 917-J-SD-0.5-1.0-081524 | Solid  | Benzo(a)anthracene         | 50.500        |   | 1.2   | 5.1  | ug/Kg |
| P3643-06                            | 917-J-SD-0.5-1.0-081524 | Solid  | Benzo(a)pyrene             | 62.800        |   | 2.6   | 5.1  | ug/Kg |
| P3643-06                            | 917-J-SD-0.5-1.0-081524 | Solid  | Benzo(b)fluoranthene       | 88.800        |   | 1.8   | 5.1  | ug/Kg |
| P3643-06                            | 917-J-SD-0.5-1.0-081524 | Solid  | Benzo(g,h,i)perylene       | 47.100        |   | 1.8   | 5.1  | ug/Kg |
| P3643-06                            | 917-J-SD-0.5-1.0-081524 | Solid  | Benzo(k)fluoranthene       | 33.700        |   | 1.5   | 5.1  | ug/Kg |
| P3643-06                            | 917-J-SD-0.5-1.0-081524 | Solid  | Bis(2-ethylhexyl)phthalate | 4.900         | J | 2.3   | 10.2 | ug/Kg |
| P3643-06                            | 917-J-SD-0.5-1.0-081524 | Solid  | Chrysene                   | 68.100        |   | 1.3   | 5.1  | ug/Kg |
| P3643-06                            | 917-J-SD-0.5-1.0-081524 | Solid  | Dibenzo(a,h)anthracene     | 10.000        |   | 1.8   | 5.1  | ug/Kg |
| P3643-06                            | 917-J-SD-0.5-1.0-081524 | Solid  | Fluoranthene               | 130.000       |   | 1     | 5.1  | ug/Kg |
| P3643-06                            | 917-J-SD-0.5-1.0-081524 | Solid  | Fluorene                   | 5.000         | J | 0.93  | 5.1  | ug/Kg |
| P3643-06                            | 917-J-SD-0.5-1.0-081524 | Solid  | Indeno(1,2,3-cd)pyrene     | 39.000        |   | 1.9   | 5.1  | ug/Kg |
| P3643-06                            | 917-J-SD-0.5-1.0-081524 | Solid  | Phenanthrene               | 57.100        |   | 0.97  | 5.1  | ug/Kg |
| P3643-06                            | 917-J-SD-0.5-1.0-081524 | Solid  | Pyrene                     | 91.900        |   | 1.5   | 5.1  | ug/Kg |
| P3643-06                            | 917-J-SD-0.5-1.0-081524 | Solid  | Total PAH                  | 700.000       |   | 22.42 | 81.6 | ug/Kg |
| Total Svoc :                        |                         |        |                            | 1,405.20      |   |       |      |       |
| Total Concentration:                |                         |        |                            | 1,405.20      |   |       |      |       |
| Client ID : 918-J-SD-0.5-081524     |                         |        |                            |               |   |       |      |       |
| P3643-07                            | 918-J-SD-0.5-081524     | Solid  | 2-Methylnaphthalene        | 6.700         |   | 1.1   | 4.5  | ug/Kg |
| P3643-07                            | 918-J-SD-0.5-081524     | Solid  | Acenaphthene               | 130.000       |   | 0.75  | 4.5  | ug/Kg |
| P3643-07                            | 918-J-SD-0.5-081524     | Solid  | Acenaphthylene             | 2.600         | J | 0.85  | 4.5  | ug/Kg |
| P3643-07                            | 918-J-SD-0.5-081524     | Solid  | Anthracene                 | 120.000       |   | 1.1   | 4.5  | ug/Kg |
| P3643-07                            | 918-J-SD-0.5-081524     | Solid  | Benzo(a)anthracene         | 320.000       | E | 1     | 4.5  | ug/Kg |
| P3643-07                            | 918-J-SD-0.5-081524     | Solid  | Benzo(a)pyrene             | 310.000       | E | 2.3   | 4.5  | ug/Kg |
| P3643-07                            | 918-J-SD-0.5-081524     | Solid  | Benzo(b)fluoranthene       | 320.000       | E | 1.6   | 4.5  | ug/Kg |
| P3643-07                            | 918-J-SD-0.5-081524     | Solid  | Benzo(g,h,i)perylene       | 160.000       |   | 1.5   | 4.5  | ug/Kg |
| P3643-07                            | 918-J-SD-0.5-081524     | Solid  | Benzo(k)fluoranthene       | 130.000       |   | 1.3   | 4.5  | ug/Kg |
| P3643-07                            | 918-J-SD-0.5-081524     | Solid  | Bis(2-ethylhexyl)phthalate | 19.800        |   | 2     | 9    | ug/Kg |
| P3643-07                            | 918-J-SD-0.5-081524     | Solid  | Chrysene                   | 310.000       | E | 1.2   | 4.5  | ug/Kg |
| P3643-07                            | 918-J-SD-0.5-081524     | Solid  | Dibenzo(a,h)anthracene     | 41.800        |   | 1.6   | 4.5  | ug/Kg |
| P3643-07                            | 918-J-SD-0.5-081524     | Solid  | Fluoranthene               | 630.000       | E | 0.91  | 4.5  | ug/Kg |
| P3643-07                            | 918-J-SD-0.5-081524     | Solid  | Fluorene                   | 120.000       |   | 0.81  | 4.5  | ug/Kg |
| P3643-07                            | 918-J-SD-0.5-081524     | Solid  | Indeno(1,2,3-cd)pyrene     | 130.000       |   | 1.7   | 4.5  | ug/Kg |
| P3643-07                            | 918-J-SD-0.5-081524     | Solid  | Naphthalene                | 9.200         |   | 0.94  | 4.5  | ug/Kg |
| P3643-07                            | 918-J-SD-0.5-081524     | Solid  | Phenanthrene               | 490.000       | E | 0.85  | 4.5  | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BN082024

Client:

| Sample ID                           | Client ID               | Matrix | Parameter                  | Concentration | C | MDL   | RDL  | Units |
|-------------------------------------|-------------------------|--------|----------------------------|---------------|---|-------|------|-------|
| P3643-07                            | 918-J-SD-0-0.5-081524   | Solid  | Pyrene                     | 400.000       | E | 1.3   | 4.5  | ug/Kg |
| P3643-07                            | 918-J-SD-0-0.5-081524   | Solid  | Total PAH                  | 3,623.000     |   | 19.71 | 72   | ug/Kg |
| Total Svoc :                        |                         |        |                            | 7,273.10      |   |       |      |       |
| Total Concentration:                |                         |        |                            | 7,273.10      |   |       |      |       |
| Client ID : 921-J-SD-0-0.5-081524   |                         |        |                            |               |   |       |      |       |
| P3643-11                            | 921-J-SD-0-0.5-081524   | Solid  | Acenaphthene               | 5.600         |   | 0.75  | 4.5  | ug/Kg |
| P3643-11                            | 921-J-SD-0-0.5-081524   | Solid  | Anthracene                 | 14.300        |   | 1.1   | 4.5  | ug/Kg |
| P3643-11                            | 921-J-SD-0-0.5-081524   | Solid  | Benzo(a)anthracene         | 54.500        |   | 1     | 4.5  | ug/Kg |
| P3643-11                            | 921-J-SD-0-0.5-081524   | Solid  | Benzo(a)pyrene             | 59.400        |   | 2.3   | 4.5  | ug/Kg |
| P3643-11                            | 921-J-SD-0-0.5-081524   | Solid  | Benzo(b)fluoranthene       | 72.600        |   | 1.6   | 4.5  | ug/Kg |
| P3643-11                            | 921-J-SD-0-0.5-081524   | Solid  | Benzo(g,h,i)perylene       | 37.800        |   | 1.6   | 4.5  | ug/Kg |
| P3643-11                            | 921-J-SD-0-0.5-081524   | Solid  | Benzo(k)fluoranthene       | 27.000        |   | 1.3   | 4.5  | ug/Kg |
| P3643-11                            | 921-J-SD-0-0.5-081524   | Solid  | Bis(2-ethylhexyl)phthalate | 3.900         | J | 2     | 9    | ug/Kg |
| P3643-11                            | 921-J-SD-0-0.5-081524   | Solid  | Chrysene                   | 55.200        |   | 1.2   | 4.5  | ug/Kg |
| P3643-11                            | 921-J-SD-0-0.5-081524   | Solid  | Dibenzo(a,h)anthracene     | 8.800         |   | 1.6   | 4.5  | ug/Kg |
| P3643-11                            | 921-J-SD-0-0.5-081524   | Solid  | Fluoranthene               | 120.000       |   | 0.92  | 4.5  | ug/Kg |
| P3643-11                            | 921-J-SD-0-0.5-081524   | Solid  | Fluorene                   | 5.100         |   | 0.82  | 4.5  | ug/Kg |
| P3643-11                            | 921-J-SD-0-0.5-081524   | Solid  | Indeno(1,2,3-cd)pyrene     | 31.600        |   | 1.7   | 4.5  | ug/Kg |
| P3643-11                            | 921-J-SD-0-0.5-081524   | Solid  | Phenanthrene               | 58.800        |   | 0.86  | 4.5  | ug/Kg |
| P3643-11                            | 921-J-SD-0-0.5-081524   | Solid  | Pyrene                     | 84.100        |   | 1.3   | 4.5  | ug/Kg |
| P3643-11                            | 921-J-SD-0-0.5-081524   | Solid  | Total PAH                  | 634.000       |   | 19.86 | 72   | ug/Kg |
| Total Svoc :                        |                         |        |                            | 1,272.70      |   |       |      |       |
| Total Concentration:                |                         |        |                            | 1,272.70      |   |       |      |       |
| Client ID : 921-J-SD-0.5-1.0-081524 |                         |        |                            |               |   |       |      |       |
| P3643-12                            | 921-J-SD-0.5-1.0-081524 | Solid  | Acenaphthene               | 0.820         | J | 0.65  | 3.9  | ug/Kg |
| P3643-12                            | 921-J-SD-0.5-1.0-081524 | Solid  | Anthracene                 | 0.980         | J | 0.93  | 3.9  | ug/Kg |
| P3643-12                            | 921-J-SD-0.5-1.0-081524 | Solid  | Benzo(a)anthracene         | 4.400         |   | 0.89  | 3.9  | ug/Kg |
| P3643-12                            | 921-J-SD-0.5-1.0-081524 | Solid  | Benzo(a)pyrene             | 4.700         |   | 2     | 3.9  | ug/Kg |
| P3643-12                            | 921-J-SD-0.5-1.0-081524 | Solid  | Benzo(b)fluoranthene       | 5.700         |   | 1.4   | 3.9  | ug/Kg |
| P3643-12                            | 921-J-SD-0.5-1.0-081524 | Solid  | Benzo(g,h,i)perylene       | 3.100         | J | 1.3   | 3.9  | ug/Kg |
| P3643-12                            | 921-J-SD-0.5-1.0-081524 | Solid  | Benzo(k)fluoranthene       | 2.000         | J | 1.2   | 3.9  | ug/Kg |
| P3643-12                            | 921-J-SD-0.5-1.0-081524 | Solid  | Chrysene                   | 4.400         |   | 1     | 3.9  | ug/Kg |
| P3643-12                            | 921-J-SD-0.5-1.0-081524 | Solid  | Fluoranthene               | 7.800         |   | 0.79  | 3.9  | ug/Kg |
| P3643-12                            | 921-J-SD-0.5-1.0-081524 | Solid  | Fluorene                   | 0.780         | J | 0.71  | 3.9  | ug/Kg |
| P3643-12                            | 921-J-SD-0.5-1.0-081524 | Solid  | Indeno(1,2,3-cd)pyrene     | 2.400         | J | 1.5   | 3.9  | ug/Kg |
| P3643-12                            | 921-J-SD-0.5-1.0-081524 | Solid  | Phenanthrene               | 4.400         |   | 0.74  | 3.9  | ug/Kg |
| P3643-12                            | 921-J-SD-0.5-1.0-081524 | Solid  | Pyrene                     | 6.900         |   | 1.1   | 3.9  | ug/Kg |
| P3643-12                            | 921-J-SD-0.5-1.0-081524 | Solid  | Total PAH                  | 48.400        | J | 17.16 | 62.4 | ug/Kg |
| Total Svoc :                        |                         |        |                            | 96.78         |   |       |      |       |

### Hit Summary Sheet SW-846

SDG No.: BN082024

Client:

| Sample ID                               | Client ID               | Matrix | Parameter                  | Concentration | C | MDL   | RDL | Units |
|-----------------------------------------|-------------------------|--------|----------------------------|---------------|---|-------|-----|-------|
| Total Concentration:                    |                         |        |                            | 96.78         |   |       |     |       |
| Client ID : 921-J-SD-0-0.5-081524-FD    |                         |        |                            |               |   |       |     |       |
| P3643-13                                | 921-J-SD-0-0.5-081524-F | Solid  | 2-Methylnaphthalene        | 4.000         |   | 0.97  | 4   | ug/Kg |
| P3643-13                                | 921-J-SD-0-0.5-081524-F | Solid  | Acenaphthene               | 39.400        |   | 0.67  | 4   | ug/Kg |
| P3643-13                                | 921-J-SD-0-0.5-081524-F | Solid  | Acenaphthylene             | 2.700         | J | 0.76  | 4   | ug/Kg |
| P3643-13                                | 921-J-SD-0-0.5-081524-F | Solid  | Anthracene                 | 100.000       |   | 0.96  | 4   | ug/Kg |
| P3643-13                                | 921-J-SD-0-0.5-081524-F | Solid  | Benzo(a)anthracene         | 300.000       | E | 0.92  | 4   | ug/Kg |
| P3643-13                                | 921-J-SD-0-0.5-081524-F | Solid  | Benzo(a)pyrene             | 300.000       | E | 2     | 4   | ug/Kg |
| P3643-13                                | 921-J-SD-0-0.5-081524-F | Solid  | Benzo(b)fluoranthene       | 320.000       | E | 1.4   | 4   | ug/Kg |
| P3643-13                                | 921-J-SD-0-0.5-081524-F | Solid  | Benzo(g,h,i)perylene       | 160.000       |   | 1.4   | 4   | ug/Kg |
| P3643-13                                | 921-J-SD-0-0.5-081524-F | Solid  | Benzo(k)fluoranthene       | 120.000       |   | 1.2   | 4   | ug/Kg |
| P3643-13                                | 921-J-SD-0-0.5-081524-F | Solid  | Bis(2-ethylhexyl)phthalate | 8.900         |   | 1.8   | 8   | ug/Kg |
| P3643-13                                | 921-J-SD-0-0.5-081524-F | Solid  | Chrysene                   | 270.000       | E | 1     | 4   | ug/Kg |
| P3643-13                                | 921-J-SD-0-0.5-081524-F | Solid  | Dibenzo(a,h)anthracene     | 40.000        |   | 1.4   | 4   | ug/Kg |
| P3643-13                                | 921-J-SD-0-0.5-081524-F | Solid  | Fluoranthene               | 610.000       | E | 0.81  | 4   | ug/Kg |
| P3643-13                                | 921-J-SD-0-0.5-081524-F | Solid  | Fluorene                   | 29.600        |   | 0.73  | 4   | ug/Kg |
| P3643-13                                | 921-J-SD-0-0.5-081524-F | Solid  | Indeno(1,2,3-cd)pyrene     | 140.000       |   | 1.5   | 4   | ug/Kg |
| P3643-13                                | 921-J-SD-0-0.5-081524-F | Solid  | Naphthalene                | 3.000         | J | 0.84  | 4   | ug/Kg |
| P3643-13                                | 921-J-SD-0-0.5-081524-F | Solid  | Phenanthrene               | 370.000       | E | 0.76  | 4   | ug/Kg |
| P3643-13                                | 921-J-SD-0-0.5-081524-F | Solid  | Pyrene                     | 450.000       | E | 1.2   | 4   | ug/Kg |
| P3643-13                                | 921-J-SD-0-0.5-081524-F | Solid  | Total PAH                  | 3,254.000     |   | 17.55 | 64  | ug/Kg |
| Total Svoc :                            |                         |        |                            | 6,521.60      |   |       |     |       |
| Total Concentration:                    |                         |        |                            | 6,521.60      |   |       |     |       |
| Client ID : 921-K1-SD-0.5-1.0-081524-FD |                         |        |                            |               |   |       |     |       |
| P3643-14                                | 921-K1-SD-0.5-1.0-0815  | Solid  | 2-Methylnaphthalene        | 3.800         | J | 1.1   | 4.5 | ug/Kg |
| P3643-14                                | 921-K1-SD-0.5-1.0-0815  | Solid  | Acenaphthene               | 27.400        |   | 0.75  | 4.5 | ug/Kg |
| P3643-14                                | 921-K1-SD-0.5-1.0-0815  | Solid  | Anthracene                 | 49.400        |   | 1.1   | 4.5 | ug/Kg |
| P3643-14                                | 921-K1-SD-0.5-1.0-0815  | Solid  | Benzo(a)anthracene         | 91.600        |   | 1     | 4.5 | ug/Kg |
| P3643-14                                | 921-K1-SD-0.5-1.0-0815  | Solid  | Benzo(a)pyrene             | 80.600        |   | 2.3   | 4.5 | ug/Kg |
| P3643-14                                | 921-K1-SD-0.5-1.0-0815  | Solid  | Benzo(b)fluoranthene       | 90.700        |   | 1.6   | 4.5 | ug/Kg |
| P3643-14                                | 921-K1-SD-0.5-1.0-0815  | Solid  | Benzo(g,h,i)perylene       | 41.000        |   | 1.6   | 4.5 | ug/Kg |
| P3643-14                                | 921-K1-SD-0.5-1.0-0815  | Solid  | Benzo(k)fluoranthene       | 32.200        |   | 1.3   | 4.5 | ug/Kg |
| P3643-14                                | 921-K1-SD-0.5-1.0-0815  | Solid  | Bis(2-ethylhexyl)phthalate | 4.400         | J | 2     | 9.1 | ug/Kg |
| P3643-14                                | 921-K1-SD-0.5-1.0-0815  | Solid  | Chrysene                   | 79.900        |   | 1.2   | 4.5 | ug/Kg |
| P3643-14                                | 921-K1-SD-0.5-1.0-0815  | Solid  | Dibenzo(a,h)anthracene     | 10.500        |   | 1.6   | 4.5 | ug/Kg |
| P3643-14                                | 921-K1-SD-0.5-1.0-0815  | Solid  | Fluoranthene               | 200.000       |   | 0.92  | 4.5 | ug/Kg |
| P3643-14                                | 921-K1-SD-0.5-1.0-0815  | Solid  | Fluorene                   | 17.800        |   | 0.82  | 4.5 | ug/Kg |
| P3643-14                                | 921-K1-SD-0.5-1.0-0815  | Solid  | Indeno(1,2,3-cd)pyrene     | 35.300        |   | 1.7   | 4.5 | ug/Kg |
| P3643-14                                | 921-K1-SD-0.5-1.0-0815  | Solid  | Naphthalene                | 2.000         | J | 0.95  | 4.5 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BN082024

Client:

| Sample ID                         | Client ID              | Matrix | Parameter              | Concentration | C | MDL   | RDL | Units |
|-----------------------------------|------------------------|--------|------------------------|---------------|---|-------|-----|-------|
| P3643-14                          | 921-K1-SD-0.5-1.0-0815 | Solid  | Phenanthrene           | 160.000       |   | 0.86  | 4.5 | ug/Kg |
| P3643-14                          | 921-K1-SD-0.5-1.0-0815 | Solid  | Pyrene                 | 150.000       |   | 1.3   | 4.5 | ug/Kg |
| P3643-14                          | 921-K1-SD-0.5-1.0-0815 | Solid  | Total PAH              | 1,068.000     |   | 19.86 | 72  | ug/Kg |
| Total Svoc :                      |                        |        |                        | 2,144.60      |   |       |     |       |
| Total Concentration:              |                        |        |                        | 2,144.60      |   |       |     |       |
| Client ID : 914-J-WS-081524       |                        |        |                        |               |   |       |     |       |
| P3645-01                          | 914-J-WS-081524        | Water  | Acenaphthene           | 0.190         |   | 0.02  | 0.1 | ug/L  |
| P3645-01                          | 914-J-WS-081524        | Water  | Anthracene             | 0.020         | J | 0.02  | 0.1 | ug/L  |
| P3645-01                          | 914-J-WS-081524        | Water  | Benzo(a)anthracene     | 0.040         | J | 0.02  | 0.1 | ug/L  |
| P3645-01                          | 914-J-WS-081524        | Water  | Benzo(b)fluoranthene   | 0.060         | J | 0.03  | 0.1 | ug/L  |
| P3645-01                          | 914-J-WS-081524        | Water  | Benzo(g,h,i)perylene   | 0.040         | J | 0.04  | 0.1 | ug/L  |
| P3645-01                          | 914-J-WS-081524        | Water  | Benzo(k)fluoranthene   | 0.050         | J | 0.03  | 0.1 | ug/L  |
| P3645-01                          | 914-J-WS-081524        | Water  | Chrysene               | 0.060         | J | 0.03  | 0.1 | ug/L  |
| P3645-01                          | 914-J-WS-081524        | Water  | Dibenzo(a,h)anthracene | 0.040         | J | 0.04  | 0.1 | ug/L  |
| P3645-01                          | 914-J-WS-081524        | Water  | Fluoranthene           | 0.060         | J | 0.02  | 0.1 | ug/L  |
| P3645-01                          | 914-J-WS-081524        | Water  | Fluorene               | 0.180         |   | 0.02  | 0.1 | ug/L  |
| P3645-01                          | 914-J-WS-081524        | Water  | Indeno(1,2,3-cd)pyrene | 0.040         | J | 0.04  | 0.1 | ug/L  |
| P3645-01                          | 914-J-WS-081524        | Water  | Naphthalene            | 0.050         | J | 0.02  | 0.1 | ug/L  |
| P3645-01                          | 914-J-WS-081524        | Water  | Phenanthrene           | 0.030         | J | 0.02  | 0.1 | ug/L  |
| P3645-01                          | 914-J-WS-081524        | Water  | Pyrene                 | 0.040         | J | 0.02  | 0.1 | ug/L  |
| P3645-01                          | 914-J-WS-081524        | Water  | Total PAH              | 0.900         | J | 0.45  | 1.6 | ug/L  |
| Total Svoc :                      |                        |        |                        | 1.80          |   |       |     |       |
| Total Concentration:              |                        |        |                        | 1.80          |   |       |     |       |
| Client ID : 916-J-WS-081524       |                        |        |                        |               |   |       |     |       |
| P3645-02                          | 916-J-WS-081524        | Water  | Acenaphthene           | 0.090         | J | 0.02  | 0.1 | ug/L  |
| P3645-02                          | 916-J-WS-081524        | Water  | Chrysene               | 0.030         | J | 0.03  | 0.1 | ug/L  |
| P3645-02                          | 916-J-WS-081524        | Water  | Fluoranthene           | 0.060         | J | 0.02  | 0.1 | ug/L  |
| P3645-02                          | 916-J-WS-081524        | Water  | Fluorene               | 0.130         |   | 0.02  | 0.1 | ug/L  |
| P3645-02                          | 916-J-WS-081524        | Water  | Naphthalene            | 0.030         | J | 0.02  | 0.1 | ug/L  |
| P3645-02                          | 916-J-WS-081524        | Water  | Phenanthrene           | 0.030         | J | 0.02  | 0.1 | ug/L  |
| P3645-02                          | 916-J-WS-081524        | Water  | Pyrene                 | 0.030         | J | 0.02  | 0.1 | ug/L  |
| Total Svoc :                      |                        |        |                        | 0.40          |   |       |     |       |
| Total Concentration:              |                        |        |                        | 0.40          |   |       |     |       |
| Client ID : 916-J-WPO-0.25-081524 |                        |        |                        |               |   |       |     |       |
| P3646-02                          | 916-J-WPO-0.25-081524  | Water  | Acenaphthene           | 0.110         |   | 0.02  | 0.1 | ug/L  |
| P3646-02                          | 916-J-WPO-0.25-081524  | Water  | Fluoranthene           | 0.050         | J | 0.02  | 0.1 | ug/L  |
| P3646-02                          | 916-J-WPO-0.25-081524  | Water  | Fluorene               | 0.090         | J | 0.02  | 0.1 | ug/L  |
| P3646-02                          | 916-J-WPO-0.25-081524  | Water  | Naphthalene            | 0.030         | J | 0.02  | 0.1 | ug/L  |
| P3646-02                          | 916-J-WPO-0.25-081524  | Water  | Phenanthrene           | 0.020         | J | 0.02  | 0.1 | ug/L  |

### Hit Summary Sheet SW-846

SDG No.: BN082024

Client:

| Sample ID                         | Client ID             |       | Parameter                  | Concentration | C | MDL  | RDL  | Units |
|-----------------------------------|-----------------------|-------|----------------------------|---------------|---|------|------|-------|
| P3646-02                          | 916-J-WPO-0.25-081524 | Water | Pyrene                     | 0.030         | J | 0.02 | 0.1  | ug/L  |
| Total Svoc :                      |                       |       |                            | 0.33          |   |      |      |       |
| Total Concentration:              |                       |       |                            | 0.33          |   |      |      |       |
| Client ID : RW7-SP100-20240814DL  |                       |       |                            |               |   |      |      |       |
| P3650-01DL                        | RW7-SP100-20240814DI  | Water | 1,4-Dioxane                | 5.500         | D | 0.14 | 0.4  | ug/L  |
| Total Svoc :                      |                       |       |                            | 5.50          |   |      |      |       |
| Total Concentration:              |                       |       |                            | 5.50          |   |      |      |       |
| Client ID : 917-J-WPO-0.25-081624 |                       |       |                            |               |   |      |      |       |
| P3662-01                          | 917-J-WPO-0.25-081624 | Water | 1,4-Dioxane                | 0.140         | J | 0.07 | 0.21 | ug/L  |
| P3662-01                          | 917-J-WPO-0.25-081624 | Water | Acenaphthene               | 0.030         | J | 0.02 | 0.1  | ug/L  |
| P3662-01                          | 917-J-WPO-0.25-081624 | Water | Fluoranthene               | 0.090         | J | 0.02 | 0.1  | ug/L  |
| P3662-01                          | 917-J-WPO-0.25-081624 | Water | Fluorene                   | 0.130         |   | 0.02 | 0.1  | ug/L  |
| P3662-01                          | 917-J-WPO-0.25-081624 | Water | Phenanthrene               | 0.110         |   | 0.02 | 0.1  | ug/L  |
| P3662-01                          | 917-J-WPO-0.25-081624 | Water | Pyrene                     | 0.040         | J | 0.02 | 0.1  | ug/L  |
| Total Svoc :                      |                       |       |                            | 0.54          |   |      |      |       |
| Total Concentration:              |                       |       |                            | 0.54          |   |      |      |       |
| Client ID : SP-100-70740816       |                       |       |                            |               |   |      |      |       |
| P3666-01                          | SP-100-70740816       | Water | 1,4-Dioxane                | 4.700         |   | 0.07 | 0.2  | ug/L  |
| P3666-01                          | SP-100-70740816       | Water | bis(2-Chloroethyl)ether    | 0.030         | J | 0.03 | 0.1  | ug/L  |
| Total Svoc :                      |                       |       |                            | 4.73          |   |      |      |       |
| Total Concentration:              |                       |       |                            | 4.73          |   |      |      |       |
| Client ID : SP6606                |                       |       |                            |               |   |      |      |       |
| SP6606                            | SP6606                | Water | 1,4-Dioxane                | 360.000       |   | 68   | 200  | ug/L  |
| SP6606                            | SP6606                | Water | 2-Methylnaphthalene        | 340.000       |   | 30   | 100  | ug/L  |
| SP6606                            | SP6606                | Water | 4,6-Dinitro-2-methylphenol | 160.000       | J | 140  | 200  | ug/L  |
| SP6606                            | SP6606                | Water | 4-Bromophenyl-phenylether  | 360.000       |   | 26   | 100  | ug/L  |
| SP6606                            | SP6606                | Water | Acenaphthene               | 340.000       |   | 20   | 100  | ug/L  |
| SP6606                            | SP6606                | Water | Acenaphthylene             | 360.000       |   | 21   | 100  | ug/L  |
| SP6606                            | SP6606                | Water | Anthracene                 | 370.000       |   | 24   | 100  | ug/L  |
| SP6606                            | SP6606                | Water | Atrazine                   | 330.000       |   | 23   | 100  | ug/L  |
| SP6606                            | SP6606                | Water | Benzo(a)anthracene         | 370.000       |   | 22   | 100  | ug/L  |
| SP6606                            | SP6606                | Water | Benzo(a)pyrene             | 390.000       |   | 56   | 100  | ug/L  |
| SP6606                            | SP6606                | Water | Benzo(b)fluoranthene       | 340.000       |   | 32   | 100  | ug/L  |
| SP6606                            | SP6606                | Water | Benzo(g,h,i)perylene       | 350.000       |   | 37   | 100  | ug/L  |
| SP6606                            | SP6606                | Water | Benzo(k)fluoranthene       | 340.000       |   | 34   | 100  | ug/L  |
| SP6606                            | SP6606                | Water | bis(2-Chloroethyl)ether    | 390.000       |   | 28   | 100  | ug/L  |
| SP6606                            | SP6606                | Water | Bis(2-ethylhexyl)phthalate | 320.000       |   | 140  | 200  | ug/L  |
| SP6606                            | SP6606                | Water | Chrysene                   | 380.000       |   | 26   | 100  | ug/L  |
| SP6606                            | SP6606                | Water | Dibenzo(a,h)anthracene     | 370.000       |   | 39   | 100  | ug/L  |

### Hit Summary Sheet SW-846

SDG No.: BN082024

Client:

| Sample ID            | Client ID |       | Parameter              | Concentration | C | MDL       | RDL  | Units |
|----------------------|-----------|-------|------------------------|---------------|---|-----------|------|-------|
| SP6606               | SP6606    | Water | Fluoranthene           | 350.000       |   | 23        | 100  | ug/L  |
| SP6606               | SP6606    | Water | Fluorene               | 320.000       |   | 18        | 100  | ug/L  |
| SP6606               | SP6606    | Water | Hexachlorobenzene      | 380.000       |   | 29        | 100  | ug/L  |
| SP6606               | SP6606    | Water | Hexachlorobutadiene    | 360.000       |   | 26        | 100  | ug/L  |
| SP6606               | SP6606    | Water | Indeno(1,2,3-cd)pyrene | 380.000       |   | 38        | 100  | ug/L  |
| SP6606               | SP6606    | Water | n-Nitrosodimethylamine | 330.000       |   | 30        | 200  | ug/L  |
| SP6606               | SP6606    | Water | Naphthalene            | 360.000       |   | 24        | 100  | ug/L  |
| SP6606               | SP6606    | Water | Pentachlorophenol      | 600.000       |   | 90        | 200  | ug/L  |
| SP6606               | SP6606    | Water | Phenanthrene           | 370.000       |   | 20        | 100  | ug/L  |
| SP6606               | SP6606    | Water | Pyrene                 | 310.000       |   | 22        | 100  | ug/L  |
| SP6606               | SP6606    | Water | Total PAH              | 5,700.000     |   | 456       | 1600 | ug/L  |
| Total Svoc :         |           |       |                        |               |   | 15,330.00 |      |       |
| Total Concentration: |           |       |                        |               |   | 15,330.00 |      |       |

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

Lab Code: CHEM Case No.: BN081924 SAS No.: BN081924 SDG No.: BN081924

Instrument ID: \_\_\_\_\_ Calibration Date(s): 8/19/2024 : \_\_\_\_\_

Calibration Time(s): 16:16 \_\_\_\_\_

| LAB FILE ID:               | RRF0.1 = BN033479.D |        |        | RRF0.2 = BN033480.D |        |        | RRF0.4 = BN033481.D |       |
|----------------------------|---------------------|--------|--------|---------------------|--------|--------|---------------------|-------|
|                            | RRF0.8 = BN033482.D |        |        | RRF1.6 = BN033483.D |        |        | RRF3.2 = BN033484.D |       |
| COMPOUND                   | RRF0.1              | RRF0.2 | RRF0.4 | RRF0.8              | RRF1.6 | RRF3.2 | RRF                 | % RSD |
| 2-Methylnaphthalene-d10    | 0.577               | 0.566  | 0.492  | 0.616               | 0.603  | 0.566  | 0.572               | 7.0   |
| Fluoranthene-d10           | 0.947               | 0.919  | 0.870  | 1.011               | 1.015  | 0.968  | 0.961               | 5.6   |
| n-Nitrosodimethylamine     | 0.545               | 0.550  | 0.456  | 0.615               | 0.575  | 0.521  | 0.535               | 10.0  |
| 2-Fluorophenol             | 1.276               | 1.281  | 1.267  | 1.350               | 1.327  | 1.196  | 1.271               | 4.5   |
| Phenol-d6                  | 1.555               | 1.576  | 1.360  | 1.677               | 1.598  | 1.464  | 1.512               | 8.1   |
| bis(2-Chloroethyl)ether    | 1.170               | 1.144  | 0.753  | 1.227               | 1.166  | 1.067  | 1.072               | 15.1  |
| Nitrobenzene-d5            | 0.341               | 0.324  | 0.303  | 0.352               | 0.345  | 0.322  | 0.332               | 5.0   |
| Naphthalene                | 1.082               | 1.068  | 0.947  | 1.155               | 1.127  | 1.042  | 1.069               | 6.2   |
| Hexachlorobutadiene        | 0.217               | 0.213  | 0.192  | 0.230               | 0.225  | 0.207  | 0.213               | 5.9   |
| 2-Methylnaphthalene        | 0.665               | 0.667  | 0.586  | 0.732               | 0.716  | 0.678  | 0.677               | 7.0   |
| 2-Fluorobiphenyl           | 1.627               | 1.601  | 1.487  | 1.761               | 1.731  | 1.609  | 1.634               | 5.5   |
| Acenaphthylene             | 1.626               | 1.609  | 1.535  | 1.870               | 1.893  | 1.837  | 1.754               | 9.0   |
| Acenaphthene               | 1.185               | 1.177  | 1.104  | 1.325               | 1.322  | 1.249  | 1.234               | 6.7   |
| Fluorene                   | 1.558               | 1.483  | 1.381  | 1.667               | 1.647  | 1.567  | 1.555               | 6.3   |
| 4,6-Dinitro-2-methylphenol | 0.051               | 0.051  | 0.051  | 0.064               | 0.069  | 0.072  | 0.062               | 18.8  |
| 2,4,6-Tribromophenol       | 0.212               | 0.202  | 0.185  | 0.220               | 0.226  | 0.223  | 0.215               | 8.0   |
| 4-Bromophenyl-phenylether  | 0.241               | 0.231  | 0.222  | 0.255               | 0.255  | 0.246  | 0.243               | 5.2   |
| Hexachlorobenzene          | 0.271               | 0.260  | 0.249  | 0.281               | 0.280  | 0.266  | 0.268               | 4.2   |
| Atrazine                   | 0.188               | 0.184  | 0.173  | 0.201               | 0.203  | 0.198  | 0.194               | 6.5   |
| Pentachlorophenol          | 0.114               | 0.098  | 0.097  | 0.118               | 0.122  | 0.128  | 0.116               | 12.8  |
| Phenanthrene               | 1.093               | 1.067  | 1.033  | 1.177               | 1.168  | 1.113  | 1.113               | 4.7   |
| Anthracene                 | 0.931               | 0.912  | 0.876  | 1.035               | 1.046  | 1.035  | 0.985               | 7.7   |
| Fluoranthene               | 1.178               | 1.153  | 1.106  | 1.303               | 1.313  | 1.266  | 1.230               | 6.7   |
| Pyrene                     | 1.756               | 1.763  | 1.704  | 1.901               | 1.855  | 1.751  | 1.785               | 3.8   |
| Terphenyl-d14              | 0.907               | 0.896  | 0.862  | 0.966               | 0.943  | 0.890  | 0.909               | 3.8   |
| Benzo (a) anthracene       | 1.485               | 1.369  | 1.317  | 1.525               | 1.529  | 1.426  | 1.446               | 5.5   |
| Chrysene                   | 1.435               | 1.392  | 1.331  | 1.557               | 1.514  | 1.403  | 1.437               | 5.3   |
| Bis(2-ethylhexyl)phthalate | 1.206               | 0.914  | 0.814  | 0.870               | 0.869  | 0.845  | 0.915               | 14.4  |
| Benzo (b) fluoranthene     | 1.524               | 1.432  | 1.336  | 1.578               | 1.573  | 1.480  | 1.494               | 5.8   |
| Benzo (k) fluoranthene     | 1.439               | 1.393  | 1.324  | 1.556               | 1.576  | 1.492  | 1.470               | 6.1   |
| Benzo (a) pyrene           | 1.228               | 1.162  | 1.096  | 1.309               | 1.317  | 1.251  | 1.236               | 6.6   |
| Indeno (1,2,3-cd) pyrene   | 1.616               | 1.580  | 1.535  | 1.779               | 1.759  | 1.661  | 1.661               | 5.4   |
| Dibenzo (a,h) anthracene   | 1.283               | 1.264  | 1.231  | 1.426               | 1.410  | 1.329  | 1.328               | 5.6   |
| Benzo (g,h,i) perylene     | 1.399               | 1.372  | 1.296  | 1.518               | 1.506  | 1.413  | 1.420               | 5.4   |
| 1,4-Dioxane                | 0.523               | 0.513  | 0.329  | 0.524               | 0.488  | 0.452  | 0.460               | 16.2  |

All other compounds must meet a minimum RRF of 0.010.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Aug 20 2024 12:00AM

Lab File ID: BN033481.D Time Analyzed: 16:28

Instrument ID: BNA\_N 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               | 12893               | 7.559 | 24390               | 10.31  | 12011               | 14.19  |
|    | UPPER LIMIT               | 25786               | 8.059 | 48780               | 10.814 | 24022               | 14.689 |
|    | LOWER LIMIT               | 6446.5              | 7.059 | 12195               | 9.814  | 6005.5              | 13.689 |
|    | EPA SAMPLE NO.            |                     |       |                     |        |                     |        |
| 01 | PB162787BL                | 8441                | 7.55  | 21567               | 10.31  | 9670                | 14.19  |
| 02 | PB162851BL                | 6669                | 7.55  | 16888               | 10.31  | 7342                | 14.19  |
| 03 | TT189D2-HYD-20240813      | 7969                | 7.55  | 20639               | 10.31  | 9824                | 14.19  |
| 04 | BPOW6-7-HYD-20240814      | 7274                | 7.55  | 18924               | 10.31  | 9264                | 14.19  |
| 05 | 914-J-WS-081524           | 7581                | 7.55  | 20168               | 10.31  | 10160               | 14.19  |
| 06 | 916-J-WS-081524           | 7720                | 7.55  | 19614               | 10.31  | 9099                | 14.19  |
| 07 | 916-J-WPO-0.25-081524     | 8482                | 7.55  | 22740               | 10.31  | 11052               | 14.19  |
| 08 | PB162851BS                | 9731                | 7.55  | 25646               | 10.31  | 12583               | 14.19  |
| 09 | PB162851BSD               | 9034                | 7.55  | 24228               | 10.31  | 12251               | 14.19  |
| 10 | 917-J-WPO-0.25-081624     | 7308                | 7.55  | 18500               | 10.31  | 8366                | 14.19  |
| 11 | SP-100-70740816           | 7290                | 7.55  | 19000               | 10.31  | 8809                | 14.19  |
| 12 | SP-201-70740816           | 6956                | 7.55  | 17989               | 10.31  | 8326                | 14.19  |
| 13 | SP-303-70740816           | 7349                | 7.55  | 18908               | 10.31  | 8775                | 14.19  |
| 14 | RW7-SP100-20240814DL      | 7175                | 7.55  | 18576               | 10.31  | 8901                | 14.19  |
| 15 | 924-K1-SD-0-0.5-081524    | 6458                | 7.55  | 17095               | 10.31  | 8364                | 14.19  |
| 16 | 924-K1-SD-0.5-1.0-081524  | 6739                | 7.55  | 17282               | 10.31  | 7881                | 14.19  |
| 17 | PB162859BL                | 6991                | 7.55  | 17549               | 10.31  | 7532                | 14.19  |
| 18 | 932-K1-SD-0.5-1.0-081524  | 6344 *              | 7.55  | 16233               | 10.31  | 7198                | 14.19  |
| 19 | 918-J-SD-0.5-1.0-081524   | 6567                | 7.55  | 16948               | 10.31  | 7765                | 14.19  |
| 20 | 932-K1-SD-0-0.5-081524    | 7280                | 7.55  | 18950               | 10.31  | 8670                | 14.19  |
| 21 | 932-K1-SD-0-0.5-081524MS  | 7686                | 7.55  | 19833               | 10.31  | 8933                | 14.18  |
| 22 | 932-K1-SD-0-0.5-081524MSD | 7979                | 7.55  | 19920               | 10.31  | 8974                | 14.18  |
| 23 | 917-J-SD-0-0.5-081524     | 8553                | 7.55  | 22144               | 10.31  | 9918                | 14.18  |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Aug 21 2024 12:00AM

Lab File ID: BN033481.D Time Analyzed: 09:27

Instrument ID: BNA\_N 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                    | 12893               | 7.559 | 24390               | 10.31  | 12011               | 14.19  |
| UPPER LIMIT                    | 25786               | 8.059 | 48780               | 10.814 | 24022               | 14.689 |
| LOWER LIMIT                    | 6446.5              | 7.059 | 12195               | 9.814  | 6005.5              | 13.689 |
| EPA SAMPLE NO.                 |                     |       |                     |        |                     |        |
| 24 921-J-SD-0-0.5-081524       | 8631                | 7.55  | 22375               | 10.31  | 10411               | 14.18  |
| 25 921-J-SD-0.5-1.0-081524     | 10294               | 7.55  | 27191               | 10.31  | 12637               | 14.18  |
| 26 921-K1-SD-0.5-1.0-081524-FD | 10059               | 7.55  | 26280               | 10.31  | 12154               | 14.18  |
| 27 917-J-SD-0.5-1.0-081524     | 10023               | 7.55  | 26186               | 10.31  | 12012               | 14.18  |
| 28 921-J-SD-0-0.5-081524-FD    | 9975                | 7.55  | 26508               | 10.31  | 12623               | 14.18  |
| 29 918-J-SD-0-0.5-081524       | 8918                | 7.55  | 22419               | 10.31  | 10205               | 14.18  |
| 30 PB162860BS                  | 13819               | 7.55  | 36617               | 10.31  | 17030               | 14.18  |
| 31 SP6606                      | 8900                | 7.55  | 22498               | 10.31  | 9785                | 14.18  |

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

\* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 20 2024 12:00AM

Lab File ID: BN033507.D Time Analyzed: 16:28

Instrument ID: BNA\_N 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              | 8554                | 7.552 | 22897               | 10.31  | 11496               | 14.19  |
|    | UPPER LIMIT              | 17108               | 8.052 | 45794               | 10.814 | 22992               | 14.689 |
|    | LOWER LIMIT              | 4277                | 7.052 | 11448.5             | 9.814  | 5748                | 13.689 |
|    | EPA SAMPLE NO.           |                     |       |                     |        |                     |        |
| 01 | PB162787BL               | 8441                | 7.55  | 21567               | 10.31  | 9670                | 14.19  |
| 02 | PB162851BL               | 6669                | 7.55  | 16888               | 10.31  | 7342                | 14.19  |
| 03 | TT189D2-HYD-20240813     | 7969                | 7.55  | 20639               | 10.31  | 9824                | 14.19  |
| 04 | BPOW6-7-HYD-20240814     | 7274                | 7.55  | 18924               | 10.31  | 9264                | 14.19  |
| 05 | 914-J-WS-081524          | 7581                | 7.55  | 20168               | 10.31  | 10160               | 14.19  |
| 06 | 916-J-WS-081524          | 7720                | 7.55  | 19614               | 10.31  | 9099                | 14.19  |
| 07 | 916-J-WPO-0.25-081524    | 8482                | 7.55  | 22740               | 10.31  | 11052               | 14.19  |
| 08 | PB162851BS               | 9731                | 7.55  | 25646               | 10.31  | 12583               | 14.19  |
| 09 | PB162851BSD              | 9034                | 7.55  | 24228               | 10.31  | 12251               | 14.19  |
| 10 | 917-J-WPO-0.25-081624    | 7308                | 7.55  | 18500               | 10.31  | 8366                | 14.19  |
| 11 | SP-100-70740816          | 7290                | 7.55  | 19000               | 10.31  | 8809                | 14.19  |
| 12 | SP-201-70740816          | 6956                | 7.55  | 17989               | 10.31  | 8326                | 14.19  |
| 13 | SP-303-70740816          | 7349                | 7.55  | 18908               | 10.31  | 8775                | 14.19  |
| 14 | RW7-SP100-20240814DL     | 7175                | 7.55  | 18576               | 10.31  | 8901                | 14.19  |
| 15 | 924-K1-SD-0-0.5-081524   | 6458                | 7.55  | 17095               | 10.31  | 8364                | 14.19  |
| 16 | 924-K1-SD-0.5-1.0-081524 | 6739                | 7.55  | 17282               | 10.31  | 7881                | 14.19  |
|    |                          |                     |       |                     |        |                     |        |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 21 2024 12:00AM

Lab File ID: BN033507.D Time Analyzed: 01:30

Instrument ID: BNA\_N 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    | 8554                | 7.552 | 22897               | 10.31  | 11496               | 14.19  |
| UPPER LIMIT    | 17108               | 8.052 | 45794               | 10.814 | 22992               | 14.689 |
| LOWER LIMIT    | 4277                | 7.052 | 11448.5             | 9.814  | 5748                | 13.689 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

\* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 21 2024 12:00AM

Lab File ID: BN033526.D Time Analyzed: 05:14

Instrument ID: BNA\_N 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                    | 10942               | 7.552 | 28811               | 10.31  | 14170               | 14.19  |
| UPPER LIMIT                    | 21884               | 8.052 | 57622               | 10.814 | 28340               | 14.689 |
| LOWER LIMIT                    | 5471                | 7.052 | 14405.5             | 9.814  | 7085                | 13.689 |
| EPA SAMPLE NO.                 |                     |       |                     |        |                     |        |
| 01 PB162859BL                  | 6991                | 7.55  | 17549               | 10.31  | 7532                | 14.19  |
| 02 932-K1-SD-0.5-1.0-081524    | 6344                | 7.55  | 16233               | 10.31  | 7198                | 14.19  |
| 03 918-J-SD-0.5-1.0-081524     | 6567                | 7.55  | 16948               | 10.31  | 7765                | 14.19  |
| 04 932-K1-SD-0-0.5-081524      | 7280                | 7.55  | 18950               | 10.31  | 8670                | 14.19  |
| 05 932-K1-SD-0-0.5-081524MS    | 7686                | 7.55  | 19833               | 10.31  | 8933                | 14.18  |
| 06 932-K1-SD-0-0.5-081524MSD   | 7979                | 7.55  | 19920               | 10.31  | 8974                | 14.18  |
| 07 917-J-SD-0-0.5-081524       | 8553                | 7.55  | 22144               | 10.31  | 9918                | 14.18  |
| 08 921-J-SD-0-0.5-081524       | 8631                | 7.55  | 22375               | 10.31  | 10411               | 14.18  |
| 09 921-J-SD-0.5-1.0-081524     | 10294               | 7.55  | 27191               | 10.31  | 12637               | 14.18  |
| 10 921-K1-SD-0.5-1.0-081524-FD | 10059               | 7.55  | 26280               | 10.31  | 12154               | 14.18  |
| 11 917-J-SD-0.5-1.0-081524     | 10023               | 7.55  | 26186               | 10.31  | 12012               | 14.18  |
| 12 921-J-SD-0-0.5-081524-FD    | 9975                | 7.55  | 26508               | 10.31  | 12623               | 14.18  |
| 13 918-J-SD-0-0.5-081524       | 8918                | 7.55  | 22419               | 10.31  | 10205               | 14.18  |
| 14 PB162860BS                  | 13819               | 7.55  | 36617               | 10.31  | 17030               | 14.18  |
| 15 SP6606                      | 8900                | 7.55  | 22498               | 10.31  | 9785                | 14.18  |

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

\* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Aug 20 2024 12:00AM

Lab File ID: BN033481.D Time Analyzed: 16:28

Instrument ID: BNA\_N 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              | 24497               | 16.942 | 16119               | 21.148 | 15903               | 23.32 |
|    | UPPER LIMIT              | 48994               | 17.442 | 32238               | 21.648 | 31806               | 23.82 |
|    | LOWER LIMIT              | 12248.5             | 16.442 | 8059.5              | 20.648 | 7951.5              | 22.82 |
|    | EPA SAMPLE NO.           |                     |        |                     |        |                     |       |
| 01 | PB162787BL               | 18285               | 16.94  | 11101               | 21.15  | 11428               | 23.32 |
| 02 | PB162851BL               | 13979               | 16.94  | 8601                | 21.15  | 8871                | 23.31 |
| 03 | TT189D2-HYD-20240813     | 19545               | 16.94  | 11531               | 21.14  | 10260               | 23.32 |
| 04 | BPOW6-7-HYD-20240814     | 18895               | 16.94  | 10814               | 21.15  | 7999                | 23.32 |
| 05 | 914-J-WS-081524          | 20244               | 16.93  | 12892               | 21.15  | 12153               | 23.32 |
| 06 | 916-J-WS-081524          | 17960               | 16.93  | 14746               | 21.14  | 14922               | 23.31 |
| 07 | 916-J-WPO-0.25-081524    | 22302               | 16.93  | 14089               | 21.15  | 13411               | 23.32 |
| 08 | PB162851BS               | 24090               | 16.94  | 15815               | 21.15  | 16027               | 23.32 |
| 09 | PB162851BSD              | 24610               | 16.93  | 14783               | 21.14  | 14180               | 23.31 |
| 10 | 917-J-WPO-0.25-081624    | 17245               | 16.93  | 14616               | 21.14  | 15164               | 23.31 |
| 11 | SP-100-70740816          | 16987               | 16.93  | 11144               | 21.14  | 11324               | 23.31 |
| 12 | SP-201-70740816          | 15938               | 16.93  | 10259               | 21.14  | 10334               | 23.31 |
| 13 | SP-303-70740816          | 16959               | 16.93  | 11478               | 21.14  | 11439               | 23.31 |
| 14 | RW7-SP100-20240814DL     | 17652               | 16.93  | 10497               | 21.14  | 10472               | 23.31 |
| 15 | 924-K1-SD-0-0.5-081524   | 16884               | 16.93  | 9815                | 21.14  | 9610                | 23.31 |
| 16 | 924-K1-SD-0.5-1.0-081524 | 15265               | 16.93  | 11704               | 21.14  | 11707               | 23.31 |
| 17 | PB162859BL               | 14113               | 16.94  | 9332                | 21.14  | 10143               | 23.31 |
| 18 | 932-K1-SD-0.5-1.0-081524 | 13946               | 16.93  | 10237               | 21.14  | 10654               | 23.31 |
| 19 | 918-J-SD-0.5-1.0-081524  | 14985               | 16.93  | 10392               | 21.14  | 10451               | 23.31 |
| 20 | 932-K1-SD-0-0.5-081524   | 17003               | 16.93  | 12146               | 21.14  | 12923               | 23.31 |
| 21 | 932-K1-SD-0-0.5-081524MS | 16436               | 16.93  | 12330               | 21.14  | 13621               | 23.31 |

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Aug 21 2024 12:00AM

Lab File ID: BN033481.D Time Analyzed: 08:15

Instrument ID: BNA\_N 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                    | 24497               | 16.942 | 16119               | 21.148 | 15903               | 23.32 |
| UPPER LIMIT                    | 48994               | 17.442 | 32238               | 21.648 | 31806               | 23.82 |
| LOWER LIMIT                    | 12248.5             | 16.442 | 8059.5              | 20.648 | 7951.5              | 22.82 |
| EPA SAMPLE NO.                 |                     |        |                     |        |                     |       |
| 22 932-K1-SD-0-0.5-081524MSD   | 17742               | 16.93  | 14459               | 21.14  | 16179               | 23.31 |
| 23 917-J-SD-0-0.5-081524       | 19249               | 16.93  | 16046               | 21.14  | 16796               | 23.31 |
| 24 921-J-SD-0-0.5-081524       | 20637               | 16.93  | 17009               | 21.14  | 17540               | 23.31 |
| 25 921-J-SD-0.5-1.0-081524     | 23917               | 16.93  | 17698               | 21.14  | 19491               | 23.31 |
| 26 921-K1-SD-0.5-1.0-081524-FI | 23082               | 16.93  | 18303               | 21.14  | 19480               | 23.31 |
| 27 917-J-SD-0.5-1.0-081524     | 22511               | 16.93  | 17781               | 21.14  | 19256               | 23.31 |
| 28 921-J-SD-0-0.5-081524-FD    | 23903               | 16.93  | 19394               | 21.14  | 20944               | 23.31 |
| 29 918-J-SD-0-0.5-081524       | 20340               | 16.93  | 19172               | 21.14  | 22321               | 23.31 |
| 30 PB162860BS                  | 30833               | 16.93  | 23913               | 21.14  | 26894               | 23.31 |
| 31 SP6606                      | 17239               | 16.93  | 14073               | 21.14  | 17245               | 23.31 |

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

\* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 20 2024 12:00AM

Lab File ID: BN033507.D Time Analyzed: 16:28

Instrument ID: BNA\_N 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              | 22430               | 16.942 | 13701               | 21.148 | 14151               | 23.317 |
|    | UPPER LIMIT              | 44860               | 17.442 | 27402               | 21.648 | 28302               | 23.817 |
|    | LOWER LIMIT              | 11215               | 16.442 | 6850.5              | 20.648 | 7075.5              | 22.817 |
|    | EPA SAMPLE NO.           |                     |        |                     |        |                     |        |
| 01 | PB162787BL               | 18285               | 16.94  | 11101               | 21.15  | 11428               | 23.32  |
| 02 | PB162851BL               | 13979               | 16.94  | 8601                | 21.15  | 8871                | 23.31  |
| 03 | TT189D2-HYD-20240813     | 19545               | 16.94  | 11531               | 21.14  | 10260               | 23.32  |
| 04 | BPOW6-7-HYD-20240814     | 18895               | 16.94  | 10814               | 21.15  | 7999                | 23.32  |
| 05 | 914-J-WS-081524          | 20244               | 16.93  | 12892               | 21.15  | 12153               | 23.32  |
| 06 | 916-J-WS-081524          | 17960               | 16.93  | 14746               | 21.14  | 14922               | 23.31  |
| 07 | 916-J-WPO-0.25-081524    | 22302               | 16.93  | 14089               | 21.15  | 13411               | 23.32  |
| 08 | PB162851BS               | 24090               | 16.94  | 15815               | 21.15  | 16027               | 23.32  |
| 09 | PB162851BSD              | 24610               | 16.93  | 14783               | 21.14  | 14180               | 23.31  |
| 10 | 917-J-WPO-0.25-081624    | 17245               | 16.93  | 14616               | 21.14  | 15164               | 23.31  |
| 11 | SP-100-70740816          | 16987               | 16.93  | 11144               | 21.14  | 11324               | 23.31  |
| 12 | SP-201-70740816          | 15938               | 16.93  | 10259               | 21.14  | 10334               | 23.31  |
| 13 | SP-303-70740816          | 16959               | 16.93  | 11478               | 21.14  | 11439               | 23.31  |
| 14 | RW7-SP100-20240814DL     | 17652               | 16.93  | 10497               | 21.14  | 10472               | 23.31  |
| 15 | 924-K1-SD-0-0.5-081524   | 16884               | 16.93  | 9815                | 21.14  | 9610                | 23.31  |
| 16 | 924-K1-SD-0.5-1.0-081524 | 15265               | 16.93  | 11704               | 21.14  | 11707               | 23.31  |

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 21 2024 12:00AM

Lab File ID: BN033507.D Time Analyzed: 01:30

Instrument ID: BNA\_N 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    | 22430               | 16.942 | 13701               | 21.148 | 14151               | 23.317 |
| UPPER LIMIT    | 44860               | 17.442 | 27402               | 21.648 | 28302               | 23.817 |
| LOWER LIMIT    | 11215               | 16.442 | 6850.5              | 20.648 | 7075.5              | 22.817 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |

IS4 (PHN) = Phenanthrene-d10  
IS5 (CRY) = Chrysene-d12  
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
AREA LOWER LIMIT = -50% of internal standard area  
RT UPPER LIMIT = +0.50 minutes of internal standard RT  
RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.  
\* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 21 2024 12:00AM

Lab File ID: BN033526.D Time Analyzed: 05:14

Instrument ID: BNA\_N 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                 | 27332               | 16.929 | 18082               | 21.139 | 19316               | 23.306 |
|    | UPPER LIMIT                 | 54664               | 17.429 | 36164               | 21.639 | 38632               | 23.806 |
|    | LOWER LIMIT                 | 13666               | 16.429 | 9041                | 20.639 | 9658                | 22.806 |
|    | EPA SAMPLE NO.              |                     |        |                     |        |                     |        |
| 01 | PB162859BL                  | 14113               | 16.94  | 9332                | 21.14  | 10143               | 23.31  |
| 02 | 932-K1-SD-0.5-1.0-081524    | 13946               | 16.93  | 10237               | 21.14  | 10654               | 23.31  |
| 03 | 918-J-SD-0.5-1.0-081524     | 14985               | 16.93  | 10392               | 21.14  | 10451               | 23.31  |
| 04 | 932-K1-SD-0-0.5-081524      | 17003               | 16.93  | 12146               | 21.14  | 12923               | 23.31  |
| 05 | 932-K1-SD-0-0.5-081524MS    | 16436               | 16.93  | 12330               | 21.14  | 13621               | 23.31  |
| 06 | 932-K1-SD-0-0.5-081524MSD   | 17742               | 16.93  | 14459               | 21.14  | 16179               | 23.31  |
| 07 | 917-J-SD-0-0.5-081524       | 19249               | 16.93  | 16046               | 21.14  | 16796               | 23.31  |
| 08 | 921-J-SD-0-0.5-081524       | 20637               | 16.93  | 17009               | 21.14  | 17540               | 23.31  |
| 09 | 921-J-SD-0.5-1.0-081524     | 23917               | 16.93  | 17698               | 21.14  | 19491               | 23.31  |
| 10 | 921-K1-SD-0.5-1.0-081524-FI | 23082               | 16.93  | 18303               | 21.14  | 19480               | 23.31  |
| 11 | 917-J-SD-0.5-1.0-081524     | 22511               | 16.93  | 17781               | 21.14  | 19256               | 23.31  |
| 12 | 921-J-SD-0-0.5-081524-FD    | 23903               | 16.93  | 19394               | 21.14  | 20944               | 23.31  |
| 13 | 918-J-SD-0-0.5-081524       | 20340               | 16.93  | 19172               | 21.14  | 22321               | 23.31  |
| 14 | PB162860BS                  | 30833               | 16.93  | 23913               | 21.14  | 26894               | 23.31  |
| 15 | SP6606                      | 17239               | 16.93  | 14073               | 21.14  | 17245               | 23.31  |

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 21 2024 12:00AM

Lab File ID: BN033526.D Time Analyzed: 13:41

Instrument ID: BNA\_N 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    | 27332               | 16.929 | 18082               | 21.139 | 19316               | 23.306 |
| UPPER LIMIT    | 54664               | 17.429 | 36164               | 21.639 | 38632               | 23.806 |
| LOWER LIMIT    | 13666               | 16.429 | 9041                | 20.639 | 9658                | 22.806 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |

IS4 (PHN) = Phenanthrene-d10  
IS5 (CRY) = Chrysene-d12  
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
AREA LOWER LIMIT = -50% of internal standard area  
RT UPPER LIMIT = +0.50 minutes of internal standard RT  
RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.  
\* Values outside of QC limits.

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BN082024**

Client:

Analytical Method: **8270-Modified**

DataFile:

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | RPD  |      | Limits |      | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |      |     |     | Qual | Qual | Low    | High |     |
| PB162851BS    | n-Nitrosodimethylamine     | 0.4   | 0.36   | ug/L | 90  |     |      |      | 33     | 130  |     |
|               | bis(2-Chloroethyl)ether    | 0.4   | 0.4    | ug/L | 100 |     |      |      | 55     | 118  |     |
|               | Naphthalene                | 0.4   | 0.39   | ug/L | 98  |     |      |      | 67     | 120  |     |
|               | Hexachlorobutadiene        | 0.4   | 0.38   | ug/L | 95  |     |      |      | 33     | 114  |     |
|               | 2-Methylnaphthalene        | 0.4   | 0.38   | ug/L | 95  |     |      |      | 50     | 122  |     |
|               | Acenaphthylene             | 0.4   | 0.36   | ug/L | 90  |     |      |      | 60     | 119  |     |
|               | Acenaphthene               | 0.4   | 0.38   | ug/L | 95  |     |      |      | 65     | 119  |     |
|               | Total PAH                  | 6.4   | 6.09   | ug/L | 95  |     |      |      | 65     | 119  |     |
|               | Fluorene                   | 0.4   | 0.37   | ug/L | 93  |     |      |      | 58     | 122  |     |
|               | 4,6-Dinitro-2-methylphenol | 0.4   | 0.3    | ug/L | 75  |     |      |      | 20     | 150  |     |
|               | 4-Bromophenyl-phenylether  | 0.4   | 0.39   | ug/L | 98  |     |      |      | 20     | 150  |     |
|               | Hexachlorobenzene          | 0.4   | 0.4    | ug/L | 100 |     |      |      | 62     | 127  |     |
|               | Atrazine                   | 0.4   | 0.32   | ug/L | 80  |     |      |      | 20     | 150  |     |
|               | Pentachlorophenol          | 0.8   | 0.3    | ug/L | 38  |     |      |      | 10     | 137  |     |
|               | Phenanthrene               | 0.4   | 0.39   | ug/L | 98  |     |      |      | 65     | 117  |     |
|               | Anthracene                 | 0.4   | 0.37   | ug/L | 93  |     |      |      | 57     | 118  |     |
|               | Fluoranthene               | 0.4   | 0.36   | ug/L | 90  |     |      |      | 53     | 126  |     |
|               | Pyrene                     | 0.4   | 0.38   | ug/L | 95  |     |      |      | 54     | 124  |     |
|               | Benzo(a)anthracene         | 0.4   | 0.38   | ug/L | 95  |     |      |      | 54     | 130  |     |
|               | Chrysene                   | 0.4   | 0.39   | ug/L | 98  |     |      |      | 64     | 126  |     |
|               | bis(2-Ethylhexyl)phthalate | 0.4   | 0.33   | ug/L | 83  |     |      |      | 40     | 137  |     |
|               | Benzo(b)fluoranthene       | 0.4   | 0.39   | ug/L | 98  |     |      |      | 65     | 121  |     |
|               | Benzo(k)fluoranthene       | 0.4   | 0.38   | ug/L | 95  |     |      |      | 72     | 119  |     |
|               | Benzo(a)pyrene             | 0.4   | 0.38   | ug/L | 95  |     |      |      | 68     | 120  |     |
|               | Indeno(1,2,3-cd)pyrene     | 0.4   | 0.39   | ug/L | 98  |     |      |      | 70     | 127  |     |
|               | Dibenz(a,h)anthracene      | 0.4   | 0.39   | ug/L | 98  |     |      |      | 65     | 121  |     |
|               | Benzo(g,h,i)perylene       | 0.4   | 0.39   | ug/L | 98  |     |      |      | 76     | 117  |     |
|               | 1,4-Dioxane                | 0.4   | 0.36   | ug/L | 90  |     |      |      | 42     | 127  |     |
| PB162851BSD   | n-Nitrosodimethylamine     | 0.4   | 0.37   | ug/L | 93  | 3   |      |      | 33     | 130  | 20  |
|               | bis(2-Chloroethyl)ether    | 0.4   | 0.4    | ug/L | 100 | 0   |      |      | 55     | 118  | 20  |
|               | Naphthalene                | 0.4   | 0.38   | ug/L | 95  | 3   |      |      | 67     | 120  | 20  |
|               | Hexachlorobutadiene        | 0.4   | 0.38   | ug/L | 95  | 0   |      |      | 33     | 114  | 20  |
|               | 2-Methylnaphthalene        | 0.4   | 0.38   | ug/L | 95  | 0   |      |      | 50     | 122  | 20  |
|               | Acenaphthylene             | 0.4   | 0.36   | ug/L | 90  | 0   |      |      | 60     | 119  | 20  |
|               | Acenaphthene               | 0.4   | 0.38   | ug/L | 95  | 0   |      |      | 65     | 119  | 20  |
|               | Total PAH                  | 6.4   | 6.15   | ug/L | 96  | 1   |      |      | 65     | 119  | 20  |
|               | Fluorene                   | 0.4   | 0.37   | ug/L | 93  | 0   |      |      | 58     | 122  | 20  |
|               | 4,6-Dinitro-2-methylphenol | 0.4   | 0.29   | ug/L | 73  | 3   |      |      | 20     | 150  | 20  |
|               | 4-Bromophenyl-phenylether  | 0.4   | 0.38   | ug/L | 95  | 3   |      |      | 20     | 150  | 20  |
|               | Hexachlorobenzene          | 0.4   | 0.4    | ug/L | 100 | 0   |      |      | 62     | 127  | 20  |
|               | Atrazine                   | 0.4   | 0.32   | ug/L | 80  | 0   |      |      | 20     | 150  | 20  |
|               | Pentachlorophenol          | 0.8   | 0.29   | ug/L | 36  | 3   |      |      | 10     | 137  | 20  |
|               | Phenanthrene               | 0.4   | 0.39   | ug/L | 98  | 0   |      |      | 65     | 117  | 20  |
|               | Anthracene                 | 0.4   | 0.37   | ug/L | 93  | 0   |      |      | 57     | 118  | 20  |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BN082024**

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

Analytical Method: **8270-Modified**

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | RPD  |      | Limits |      |     |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |      |     |     | Qual | Qual | Low    | High | RPD |
| PB162851BSD   | Fluoranthene               | 0.4   | 0.36   | ug/L | 90  | 0   |      |      | 53     | 126  | 20  |
|               | Pyrene                     | 0.4   | 0.41   | ug/L | 103 | 8   |      |      | 54     | 124  | 20  |
|               | Benzo(a)anthracene         | 0.4   | 0.38   | ug/L | 95  | 0   |      |      | 54     | 130  | 20  |
|               | Chrysene                   | 0.4   | 0.4    | ug/L | 100 | 3   |      |      | 64     | 126  | 20  |
|               | bis(2-Ethylhexyl)phthalate | 0.4   | 0.36   | ug/L | 90  | 9   |      |      | 40     | 137  | 20  |
|               | Benzo(b)fluoranthene       | 0.4   | 0.4    | ug/L | 100 | 3   |      |      | 65     | 121  | 20  |
|               | Benzo(k)fluoranthene       | 0.4   | 0.39   | ug/L | 98  | 3   |      |      | 72     | 119  | 20  |
|               | Benzo(a)pyrene             | 0.4   | 0.38   | ug/L | 95  | 0   |      |      | 68     | 120  | 20  |
|               | Indeno(1,2,3-cd)pyrene     | 0.4   | 0.39   | ug/L | 98  | 0   |      |      | 70     | 127  | 20  |
|               | Dibenz(a,h)anthracene      | 0.4   | 0.39   | ug/L | 98  | 0   |      |      | 65     | 121  | 20  |
|               | Benzo(g,h,i)perylene       | 0.4   | 0.4    | ug/L | 100 | 3   |      |      | 76     | 117  | 20  |
|               | 1,4-Dioxane                | 0.4   | 0.36   | ug/L | 90  | 0   |      |      | 42     | 127  | 20  |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN082024

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

Analytical Method: **8270-Modified**

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |     |
|---------------|----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|-----|
|               |                            |       |        |       |     |     |      | Qual | Low | High   | RPD |
| PB162860BS    | n-Nitrosodimethylamine     | 13.3  | 10.7   | ug/Kg | 80  |     |      |      | 27  | 120    |     |
|               | bis(2-Chloroethyl)ether    | 13.3  | 13.4   | ug/Kg | 101 |     |      |      | 48  | 114    |     |
|               | Naphthalene                | 13.3  | 12.5   | ug/Kg | 94  |     |      |      | 63  | 120    |     |
|               | Hexachlorobutadiene        | 13.3  | 12.7   | ug/Kg | 95  |     |      |      | 47  | 116    |     |
|               | 2-Methylnaphthalene        | 13.3  | 12.2   | ug/Kg | 92  |     |      |      | 54  | 111    |     |
|               | Acenaphthylene             | 13.3  | 12.3   | ug/Kg | 92  |     |      |      | 61  | 110    |     |
|               | Acenaphthene               | 13.3  | 12.1   | ug/Kg | 91  |     |      |      | 65  | 112    |     |
|               | Total PAH                  | 212.8 | 198    | ug/Kg | 93  |     |      |      | 65  | 112    |     |
|               | Fluorene                   | 13.3  | 11.5   | ug/Kg | 86  |     |      |      | 61  | 115    |     |
|               | 4,6-Dinitro-2-methylphenol | 13.3  | 5      | ug/Kg | 38  |     |      |      | 20  | 150    |     |
|               | 4-Bromophenyl-phenylether  | 13.3  | 12.9   | ug/Kg | 97  |     |      |      | 20  | 150    |     |
|               | Hexachlorobenzene          | 13.3  | 13.2   | ug/Kg | 99  |     |      |      | 52  | 117    |     |
|               | Atrazine                   | 13.3  | 11.3   | ug/Kg | 85  |     |      |      | 20  | 150    |     |
|               | Pentachlorophenol          | 26.6  | 10.2   | ug/Kg | 38  |     | *    |      | 47  | 116    |     |
|               | Phenanthrene               | 13.3  | 12.7   | ug/Kg | 95  |     |      |      | 61  | 120    |     |
|               | Anthracene                 | 13.3  | 12.6   | ug/Kg | 95  |     |      |      | 60  | 115    |     |
|               | Fluoranthene               | 13.3  | 12.6   | ug/Kg | 95  |     |      |      | 56  | 124    |     |
|               | Pyrene                     | 13.3  | 11.6   | ug/Kg | 87  |     |      |      | 58  | 125    |     |
|               | Benzo(a)anthracene         | 13.3  | 13.4   | ug/Kg | 101 |     |      |      | 45  | 129    |     |
|               | Chrysene                   | 13.3  | 12.8   | ug/Kg | 96  |     |      |      | 62  | 123    |     |
|               | bis(2-Ethylhexyl)phthalate | 13.3  | 14.3   | ug/Kg | 108 |     |      |      | 60  | 119    |     |
|               | Benzo(b)fluoranthene       | 13.3  | 12.2   | ug/Kg | 92  |     |      |      | 47  | 123    |     |
|               | Benzo(k)fluoranthene       | 13.3  | 12.1   | ug/Kg | 91  |     |      |      | 69  | 123    |     |
|               | Benzo(a)pyrene             | 13.3  | 12.8   | ug/Kg | 96  |     |      |      | 53  | 123    |     |
|               | Indeno(1,2,3-cd)pyrene     | 13.3  | 12.4   | ug/Kg | 93  |     |      |      | 62  | 131    |     |
|               | Dibenz(a,h)anthracene      | 13.3  | 12.2   | ug/Kg | 92  |     |      |      | 57  | 120    |     |
|               | Benzo(g,h,i)perylene       | 13.3  | 12.2   | ug/Kg | 92  |     |      |      | 66  | 121    |     |
|               | 1,4-Dioxane                | 13.3  | 11.4   | ug/Kg | 86  |     |      |      | 70  | 130    |     |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP6606

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN082024

SAS No.: BN082024 SDG NO.: BN082024

Lab File ID: BN033541.D

Lab Sample ID: SP6606

Instrument ID: BNA\_N

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

Matrix: (soil/water) Water

Date Analyzed: 08/21/2024

Level: (low/med) LOW

Time Analyzed: 13:41

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 |
|-------------------|------------------|----------------|------------------|
| SP6606            | SP6606           | BN033541.D     | 08/21/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162787BL

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN082024

SAS No.: BN082024 SDG NO.: BN082024

Lab File ID: BN033508.D

Lab Sample ID: PB162787BL

Instrument ID: BNA\_N

Date Extracted: 08/16/2024

Matrix: (soil/water) Water

Date Analyzed: 08/20/2024

Level: (low/med) LOW

Time Analyzed: 16:28

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 |
|-----------------------|------------------|----------------|------------------|
| TT189D2-HYD-20240813  | P3623-02         | BN033510.D     | 08/20/2024       |
| BPOW6-7-HYD-20240814  | P3623-03         | BN033511.D     | 08/20/2024       |
| 914-J-WS-081524       | P3645-01         | BN033512.D     | 08/20/2024       |
| 916-J-WS-081524       | P3645-02         | BN033513.D     | 08/20/2024       |
| 916-J-WPO-0.25-081524 | P3646-02         | BN033514.D     | 08/20/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162851BL

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN082024

SAS No.: BN082024 SDG NO.: BN082024

Lab File ID: BN033509.D

Lab Sample ID: PB162851BL

Instrument ID: BNA\_N

Date Extracted: 08/20/2024

Matrix: (soil/water) Water

Date Analyzed: 08/20/2024

Level: (low/med) LOW

Time Analyzed: 17:04

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 |
|-----------------------|------------------|----------------|------------------|
| PB162851BS            | PB162851BS       | BN033515.D     | 08/20/2024       |
| PB162851BSD           | PB162851BSD      | BN033516.D     | 08/20/2024       |
| 917-J-WPO-0.25-081624 | P3662-01         | BN033517.D     | 08/20/2024       |
| SP-100-70740816       | P3666-01         | BN033518.D     | 08/20/2024       |
| SP-201-70740816       | P3666-02         | BN033519.D     | 08/20/2024       |
| SP-303-70740816       | P3666-03         | BN033520.D     | 08/20/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162859BL

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN082024

SAS No.: BN082024 SDG NO.: BN082024

Lab File ID: BN033527.D

Lab Sample ID: PB162859BL

Instrument ID: BNA\_N

Date Extracted: 08/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/21/2024

Level: (low/med) LOW

Time Analyzed: 05:14

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
|                   |                  |                |                  |

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

932-K1-SD-0.5-1.0-0

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN082024

SAS No.: BN082024 SDG NO.: BN082024

Lab File ID: BN033528.D

Lab Sample ID: P3643-04

Instrument ID: BNA\_N

Date Extracted: 08/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/21/2024

Level: (low/med) LOW

Time Analyzed: 05:50

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

| EPA<br>SAMPLE NO.           | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-----------------------------|------------------|----------------|------------------|
| 932-K1-SD-0.5-1.0-081524    | P3643-04         | BN033528.D     | 08/21/2024       |
| 918-J-SD-0.5-1.0-081524     | P3643-08         | BN033529.D     | 08/21/2024       |
| 932-K1-SD-0-0.5-081524      | P3643-01         | BN033530.D     | 08/21/2024       |
| 932-K1-SD-0-0.5-081524MS    | P3643-02MS       | BN033531.D     | 08/21/2024       |
| 932-K1-SD-0-0.5-081524MSD   | P3643-03MSD      | BN033532.D     | 08/21/2024       |
| 917-J-SD-0-0.5-081524       | P3643-05         | BN033533.D     | 08/21/2024       |
| 921-J-SD-0-0.5-081524       | P3643-11         | BN033534.D     | 08/21/2024       |
| 921-J-SD-0.5-1.0-081524     | P3643-12         | BN033535.D     | 08/21/2024       |
| 921-K1-SD-0.5-1.0-081524-FD | P3643-14         | BN033536.D     | 08/21/2024       |
| 917-J-SD-0.5-1.0-081524     | P3643-06         | BN033537.D     | 08/21/2024       |
| 921-J-SD-0-0.5-081524-FD    | P3643-13         | BN033538.D     | 08/21/2024       |
| 918-J-SD-0-0.5-081524       | P3643-07         | BN033539.D     | 08/21/2024       |
| PB162860BS                  | PB162860BS       | BN033540.D     | 08/21/2024       |
| 924-K1-SD-0-0.5-081524      | P3643-09         | BN033522.D     | 08/21/2024       |
| 924-K1-SD-0.5-1.0-081524    | P3643-10         | BN033523.D     | 08/21/2024       |

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

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BN082024

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

**Analytical Method:** 8270-Modified

| Parameter                        | Spike | Sample Result                                     | Result | Units                       | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|----------------------------------|-------|---------------------------------------------------|--------|-----------------------------|-----|----------|-----|----------|-----|-------------|-----|
| <b>Lab Sample ID: P3643-02MS</b> |       | <b>Client Sample ID: 932-K1-SD-0-0.5-081524MS</b> |        | <b>DataFile: BN033531.D</b> |     |          |     |          |     |             |     |
| n-Nitrosodimethylamine           | 24.5  |                                                   | 23.1   | ug/Kg                       | 94  |          |     |          | 19  | 144         |     |
| bis(2-Chloroethyl)ether          | 24.5  |                                                   | 23.5   | ug/Kg                       | 96  |          |     |          | 43  | 134         |     |
| Naphthalene                      | 24.5  |                                                   | 22.7   | ug/Kg                       | 93  |          |     |          | 37  | 129         |     |
| Hexachlorobutadiene              | 24.5  |                                                   | 21.6   | ug/Kg                       | 88  |          |     |          | 37  | 132         |     |
| 2-Methylnaphthalene              | 24.5  |                                                   | 22     | ug/Kg                       | 90  |          |     |          | 37  | 139         |     |
| Acenaphthylene                   | 24.5  | 1.2                                               | 23.3   | ug/Kg                       | 90  |          |     |          | 21  | 147         |     |
| Acenaphthene                     | 24.5  |                                                   | 22.1   | ug/Kg                       | 90  |          |     |          | 19  | 141         |     |
| Total PAH                        | 392   | 98                                                | 462.6  | ug/Kg                       | 118 |          |     |          | 19  | 141         |     |
| Fluorene                         | 24.5  | 1.4                                               | 21.7   | ug/Kg                       | 83  |          |     |          | 10  | 167         |     |
| 4,6-Dinitro-2-methylphenol       | 24.5  |                                                   | 17.7   | ug/Kg                       | 72  |          |     |          | 20  | 150         |     |
| 4-Bromophenyl-phenylether        | 24.5  |                                                   | 22     | ug/Kg                       | 90  |          |     |          | 20  | 150         |     |
| Hexachlorobenzene                | 24.5  |                                                   | 22.2   | ug/Kg                       | 91  |          |     |          | 43  | 132         |     |
| Atrazine                         | 24.5  |                                                   | 20.9   | ug/Kg                       | 85  |          |     |          | 20  | 150         |     |
| Pentachlorophenol                | 49    |                                                   | 27.5   | ug/Kg                       | 56  |          |     |          | 10  | 146         |     |
| Phenanthrene                     | 24.5  | 8                                                 | 31.3   | ug/Kg                       | 95  |          |     |          | 27  | 146         |     |
| Anthracene                       | 24.5  | 0                                                 | 24.8   | ug/Kg                       | 101 |          |     |          | 12  | 166         |     |
| Fluoranthene                     | 24.5  | 16.6                                              | 38.6   | ug/Kg                       | 90  |          |     |          | 20  | 150         |     |
| Pyrene                           | 24.5  | 14.4                                              | 34.8   | ug/Kg                       | 83  |          |     |          | 10  | 163         |     |
| Benzo(a)anthracene               | 24.5  | 7.2                                               | 31     | ug/Kg                       | 97  |          |     |          | 10  | 175         |     |
| Chrysene                         | 24.5  | 10.8                                              | 33     | ug/Kg                       | 91  |          |     |          | 32  | 143         |     |
| bis(2-Ethylhexyl)phthalate       | 24.5  | 0                                                 | 24.2   | ug/Kg                       | 99  |          |     |          | 39  | 159         |     |
| Benzo(b)fluoranthene             | 24.5  | 12.5                                              | 32.8   | ug/Kg                       | 83  |          |     |          | 10  | 188         |     |
| Benzo(k)fluoranthene             | 24.5  | 5.1                                               | 28.8   | ug/Kg                       | 97  |          |     |          | 42  | 122         |     |
| Benzo(a)pyrene                   | 24.5  | 8.8                                               | 33.1   | ug/Kg                       | 99  |          |     |          | 10  | 175         |     |
| Indeno(1,2,3-cd)pyrene           | 24.5  | 5.2                                               | 29.8   | ug/Kg                       | 100 |          |     |          | 10  | 175         |     |
| Dibenz(a,h)anthracene            | 24.5  | 0                                                 | 25     | ug/Kg                       | 102 |          |     |          | 10  | 170         |     |
| Benzo(g,h,i)perylene             | 24.5  | 6.8                                               | 29.8   | ug/Kg                       | 94  |          |     |          | 10  | 168         |     |
| 1,4-Dioxane                      | 24.5  |                                                   | 19.3   | ug/Kg                       | 79  |          |     |          | 70  | 130         |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BN082024

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

**Analytical Method:** 8270-Modified

| Parameter                         | Spike | Sample Result                                      | Result | Units                       | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|-----------------------------------|-------|----------------------------------------------------|--------|-----------------------------|-----|----------|-----|----------|-----|-------------|-----|
| <b>Lab Sample ID: P3643-03MSD</b> |       | <b>Client Sample ID: 932-K1-SD-0-0.5-081524MSD</b> |        | <b>DataFile: BN033532.D</b> |     |          |     |          |     |             |     |
| n-Nitrosodimethylamine            | 24.5  |                                                    | 21.2   | ug/Kg                       | 87  |          | 8   |          | 19  | 144         | 20  |
| bis(2-Chloroethyl)ether           | 24.5  |                                                    | 21.8   | ug/Kg                       | 89  |          | 8   |          | 43  | 134         | 20  |
| Naphthalene                       | 24.5  |                                                    | 21.7   | ug/Kg                       | 89  |          | 4   |          | 37  | 129         | 20  |
| Hexachlorobutadiene               | 24.5  |                                                    | 20.6   | ug/Kg                       | 84  |          | 5   |          | 37  | 132         | 20  |
| 2-Methylnaphthalene               | 24.5  |                                                    | 20.9   | ug/Kg                       | 85  |          | 6   |          | 37  | 139         | 20  |
| Acenaphthylene                    | 24.5  | 1.2                                                | 22.5   | ug/Kg                       | 87  |          | 3   |          | 21  | 147         | 20  |
| Acenaphthene                      | 24.5  |                                                    | 20.9   | ug/Kg                       | 85  |          | 6   |          | 19  | 141         | 20  |
| Total PAH                         | 392   | 98                                                 | 437    | ug/Kg                       | 111 |          | 6   |          | 19  | 141         | 20  |
| Fluorene                          | 24.5  | 1.4                                                | 20.9   | ug/Kg                       | 80  |          | 4   |          | 10  | 167         | 20  |
| 4,6-Dinitro-2-methylphenol        | 24.5  |                                                    | 16.6   | ug/Kg                       | 68  |          | 6   |          | 20  | 150         | 20  |
| 4-Bromophenyl-phenylether         | 24.5  |                                                    | 20.3   | ug/Kg                       | 83  |          | 8   |          | 20  | 150         | 20  |
| Hexachlorobenzene                 | 24.5  |                                                    | 20.1   | ug/Kg                       | 82  |          | 10  |          | 43  | 132         | 20  |
| Atrazine                          | 24.5  |                                                    | 20.1   | ug/Kg                       | 82  |          | 4   |          | 20  | 150         | 20  |
| Pentachlorophenol                 | 48.9  |                                                    | 26.2   | ug/Kg                       | 54  |          | 4   |          | 10  | 146         | 20  |
| Phenanthrene                      | 24.5  | 8                                                  | 29.3   | ug/Kg                       | 87  |          | 9   |          | 27  | 146         | 20  |
| Anthracene                        | 24.5  | 0                                                  | 23.4   | ug/Kg                       | 96  |          | 5   |          | 12  | 166         | 20  |
| Fluoranthene                      | 24.5  | 16.6                                               | 38     | ug/Kg                       | 87  |          | 3   |          | 20  | 150         | 20  |
| Pyrene                            | 24.5  | 14.4                                               | 32.1   | ug/Kg                       | 72  |          | 14  |          | 10  | 163         | 20  |
| Benzo(a)anthracene                | 24.5  | 7.2                                                | 29.3   | ug/Kg                       | 90  |          | 7   |          | 10  | 175         | 20  |
| Chrysene                          | 24.5  | 10.8                                               | 31.7   | ug/Kg                       | 85  |          | 7   |          | 32  | 143         | 20  |
| bis(2-Ethylhexyl)phthalate        | 24.5  | 0                                                  | 22.4   | ug/Kg                       | 91  |          | 8   |          | 39  | 159         | 20  |
| Benzo(b)fluoranthene              | 24.5  | 12.5                                               | 30.8   | ug/Kg                       | 75  |          | 10  |          | 10  | 188         | 20  |
| Benzo(k)fluoranthene              | 24.5  | 5.1                                                | 26.8   | ug/Kg                       | 89  |          | 9   |          | 42  | 122         | 20  |
| Benzo(a)pyrene                    | 24.5  | 8.8                                                | 31.3   | ug/Kg                       | 92  |          | 7   |          | 10  | 175         | 20  |
| Indeno(1,2,3-cd)pyrene            | 24.5  | 5.2                                                | 27.8   | ug/Kg                       | 92  |          | 8   |          | 10  | 175         | 20  |
| Dibenz(a,h)anthracene             | 24.5  | 0                                                  | 23.2   | ug/Kg                       | 95  |          | 7   |          | 10  | 170         | 20  |
| Benzo(g,h,i)perylene              | 24.5  | 6.8                                                | 27.3   | ug/Kg                       | 84  |          | 11  |          | 10  | 168         | 20  |
| 1,4-Dioxane                       | 24.5  |                                                    | 18.5   | ug/Kg                       | 76  |          | 4   |          | 70  | 130         | 20  |

## Surrogate Summary

SW-846

SDG No.: BN082024

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

Analytical Method: 8270-Modified

| Lab Sample ID | Client ID | Datafile   | Parameter               | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                         |                |                 |              |      | Low        | High |
| SP6606        | SP6606    | BN033541.D | 2-Methylnaphthalene-d10 | 0.4            | 0.00            | 0            | *    | 20         | 139  |
|               |           |            | Fluoranthene-d10        | 0.4            | 0.00            | 0            | *    | 30         | 150  |
|               |           |            | 2-Fluorophenol          | 0.4            | 0.00            | 0            | *    | 10         | 100  |
|               |           |            | Phenol-d6               | 0.4            | 0.00            | 0            | *    | 10         | 100  |
|               |           |            | Nitrobenzene-d5         | 0.4            | 0.00            | 0            | *    | 27         | 123  |
|               |           |            | 2-Fluorobiphenyl        | 0.4            | 0.00            | 0            | *    | 34         | 132  |
|               |           |            | 2,4,6-Tribromophenol    | 0.4            | 0.00            | 0            | *    | 10         | 131  |
|               |           |            | Terphenyl-d14           | 0.4            | 0.00            | 0            | *    | 35         | 157  |

## Surrogate Summary

SW-846

SDG No.: **BN082024**

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

Analytical Method: **8270-Modified**

| Lab Sample ID | Client ID         | Datafile   | Parameter               | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-------------------|------------|-------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                   |            |                         |                |                 |              |      | Low        | High |
| P3623-02      | TT189D2-HYD-20    | BN033510.D | 2-Methylnaphthalene-d10 | 0.4            | 0.01            | 2            | *    | 20         | 139  |
|               |                   |            | Fluoranthene-d10        | 0.4            | 0.15            | 38           |      | 30         | 150  |
|               |                   |            | 2-Fluorophenol          | 0.4            | 0.01            | 2            | *    | 10         | 100  |
|               |                   |            | Phenol-d6               | 0.4            | 0.00            | 0            | *    | 10         | 100  |
|               |                   |            | Nitrobenzene-d5         | 0.4            | 0.26            | 64           |      | 27         | 123  |
|               |                   |            | 2-Fluorobiphenyl        | 0.4            | 0.27            | 68           |      | 34         | 132  |
|               |                   |            | 2,4,6-Tribromophenol    | 0.4            | 0.13            | 31           |      | 10         | 131  |
|               |                   |            | Terphenyl-d14           | 0.4            | 0.41            | 102          |      | 35         | 157  |
| P3623-03      | BPOW6-7-HYD-20    | BN033511.D | 2-Methylnaphthalene-d10 | 0.4            | 0.02            | 5            | *    | 20         | 139  |
|               |                   |            | Fluoranthene-d10        | 0.4            | 0.21            | 51           |      | 30         | 150  |
|               |                   |            | 2-Fluorophenol          | 0.4            | 0.01            | 2            | *    | 10         | 100  |
|               |                   |            | Phenol-d6               | 0.4            | 0.00            | 0            | *    | 10         | 100  |
|               |                   |            | Nitrobenzene-d5         | 0.4            | 0.30            | 76           |      | 27         | 123  |
|               |                   |            | 2-Fluorobiphenyl        | 0.4            | 0.32            | 81           |      | 34         | 132  |
|               |                   |            | 2,4,6-Tribromophenol    | 0.4            | 0.24            | 60           |      | 10         | 131  |
|               |                   |            | Terphenyl-d14           | 0.4            | 0.48            | 120          |      | 35         | 157  |
| P3645-01      | 914-J-WS-081524   | BN033512.D | 2-Methylnaphthalene-d10 | 0.4            | 0.26            | 64           |      | 20         | 139  |
|               |                   |            | Fluoranthene-d10        | 0.4            | 0.28            | 70           |      | 30         | 150  |
|               |                   |            | 2-Fluorophenol          | 0.4            | 0.12            | 31           |      | 10         | 100  |
|               |                   |            | Phenol-d6               | 0.4            | 0.09            | 22           |      | 10         | 100  |
|               |                   |            | Nitrobenzene-d5         | 0.4            | 0.25            | 61           |      | 27         | 123  |
|               |                   |            | 2-Fluorobiphenyl        | 0.4            | 0.28            | 69           |      | 34         | 132  |
|               |                   |            | 2,4,6-Tribromophenol    | 0.4            | 0.21            | 53           |      | 10         | 131  |
|               |                   |            | Terphenyl-d14           | 0.4            | 0.32            | 80           |      | 35         | 157  |
| P3645-02      | 916-J-WS-081524   | BN033513.D | 2-Methylnaphthalene-d10 | 0.4            | 0.27            | 68           |      | 20         | 139  |
|               |                   |            | Fluoranthene-d10        | 0.4            | 0.33            | 83           |      | 30         | 150  |
|               |                   |            | 2-Fluorophenol          | 0.4            | 0.14            | 34           |      | 10         | 100  |
|               |                   |            | Phenol-d6               | 0.4            | 0.09            | 22           |      | 10         | 100  |
|               |                   |            | Nitrobenzene-d5         | 0.4            | 0.27            | 68           |      | 27         | 123  |
|               |                   |            | 2-Fluorobiphenyl        | 0.4            | 0.31            | 76           |      | 34         | 132  |
|               |                   |            | 2,4,6-Tribromophenol    | 0.4            | 0.23            | 57           |      | 10         | 131  |
|               |                   |            | Terphenyl-d14           | 0.4            | 0.29            | 73           |      | 35         | 157  |
| P3646-02      | 916-J-WPO-0.25-08 | BN033514.D | 2-Methylnaphthalene-d10 | 0.4            | 0.26            | 65           |      | 20         | 139  |
|               |                   |            | Fluoranthene-d10        | 0.4            | 0.30            | 74           |      | 30         | 150  |
|               |                   |            | 2-Fluorophenol          | 0.4            | 0.12            | 31           |      | 10         | 100  |
|               |                   |            | Phenol-d6               | 0.4            | 0.09            | 22           |      | 10         | 100  |
|               |                   |            | Nitrobenzene-d5         | 0.4            | 0.25            | 62           |      | 27         | 123  |
|               |                   |            | 2-Fluorobiphenyl        | 0.4            | 0.30            | 75           |      | 34         | 132  |
|               |                   |            | 2,4,6-Tribromophenol    | 0.4            | 0.24            | 60           |      | 10         | 131  |
|               |                   |            | Terphenyl-d14           | 0.4            | 0.34            | 85           |      | 35         | 157  |
| PB162787BL    | PB162787BL        | BN033508.D | 2-Methylnaphthalene-d10 | 0.4            | 0.30            | 76           |      | 20         | 139  |
|               |                   |            | Fluoranthene-d10        | 0.4            | 0.30            | 74           |      | 30         | 150  |
|               |                   |            | 2-Fluorophenol          | 0.4            | 0.26            | 64           |      | 10         | 100  |
|               |                   |            | Phenol-d6               | 0.4            | 0.25            | 63           |      | 10         | 100  |
|               |                   |            | Nitrobenzene-d5         | 0.4            | 0.31            | 77           |      | 27         | 123  |
|               |                   |            | 2-Fluorobiphenyl        | 0.4            | 0.34            | 85           |      | 34         | 132  |
|               |                   |            | 2,4,6-Tribromophenol    | 0.4            | 0.18            | 46           |      | 10         | 131  |
|               |                   |            | Terphenyl-d14           | 0.4            | 0.34            | 85           |      | 35         | 157  |

## Surrogate Summary

SW-846

SDG No.: BN082024

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

Analytical Method: **8270-Modified**

| Lab Sample ID | Client ID                  | Datafile | Parameter               | Spike | Result | Recovery (%) | Qual | Limits (%) |      |
|---------------|----------------------------|----------|-------------------------|-------|--------|--------------|------|------------|------|
|               |                            |          |                         | (PPM) | (PPM)  |              |      | Low        | High |
| P3650-01DL    | RW7-SP100-20240:BN033521.D |          | 2-Methylnaphthalene-d10 | 0.4   | 0.32   | 80           |      | 20         | 139  |
|               |                            |          | Fluoranthene-d10        | 0.4   | 0.35   | 88           |      | 30         | 150  |
|               |                            |          | 2-Fluorophenol          | 0.4   | 0.11   | 27           |      | 10         | 100  |
|               |                            |          | Phenol-d6               | 0.4   | 0.06   | 16           |      | 10         | 100  |
|               |                            |          | Nitrobenzene-d5         | 0.4   | 0.33   | 82           |      | 27         | 123  |
|               |                            |          | 2-Fluorobiphenyl        | 0.4   | 0.35   | 86           |      | 34         | 132  |
|               |                            |          | 2,4,6-Tribromophenol    | 0.4   | 0.22   | 56           |      | 10         | 131  |
|               |                            |          | Terphenyl-d14           | 0.4   | 0.46   | 115          |      | 35         | 157  |

## Surrogate Summary

SW-846

SDG No.: **BN082024**

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

Analytical Method: **8270-Modified**

| Lab Sample ID | Client ID         | Datafile   | Parameter               | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-------------------|------------|-------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                   |            |                         |                |                 |              |      | Low        | High |
| P3662-01      | 917-J-WPO-0.25-08 | BN033517.D | 2-Methylnaphthalene-d10 | 0.4            | 0.29            | 72           |      | 20         | 139  |
|               |                   |            | Fluoranthene-d10        | 0.4            | 0.42            | 105          |      | 30         | 150  |
|               |                   |            | 2-Fluorophenol          | 0.4            | 0.11            | 28           |      | 10         | 100  |
|               |                   |            | Phenol-d6               | 0.4            | 0.07            | 19           |      | 10         | 100  |
|               |                   |            | Nitrobenzene-d5         | 0.4            | 0.29            | 72           |      | 27         | 123  |
|               |                   |            | 2-Fluorobiphenyl        | 0.4            | 0.35            | 87           |      | 34         | 132  |
|               |                   |            | 2,4,6-Tribromophenol    | 0.4            | 0.30            | 74           |      | 10         | 131  |
|               |                   |            | Terphenyl-d14           | 0.4            | 0.38            | 95           |      | 35         | 157  |
| P3666-01      | SP-100-70740816   | BN033518.D | 2-Methylnaphthalene-d10 | 0.4            | 0.33            | 83           |      | 20         | 139  |
|               |                   |            | Fluoranthene-d10        | 0.4            | 0.40            | 100          |      | 30         | 150  |
|               |                   |            | 2-Fluorophenol          | 0.4            | 0.11            | 28           |      | 10         | 100  |
|               |                   |            | Phenol-d6               | 0.4            | 0.07            | 16           |      | 10         | 100  |
|               |                   |            | Nitrobenzene-d5         | 0.4            | 0.35            | 88           |      | 27         | 123  |
|               |                   |            | 2-Fluorobiphenyl        | 0.4            | 0.38            | 94           |      | 34         | 132  |
|               |                   |            | 2,4,6-Tribromophenol    | 0.4            | 0.25            | 62           |      | 10         | 131  |
|               |                   |            | Terphenyl-d14           | 0.4            | 0.59            | 148          |      | 35         | 157  |
| P3666-02      | SP-201-70740816   | BN033519.D | 2-Methylnaphthalene-d10 | 0.4            | 0.30            | 75           |      | 20         | 139  |
|               |                   |            | Fluoranthene-d10        | 0.4            | 0.36            | 90           |      | 30         | 150  |
|               |                   |            | 2-Fluorophenol          | 0.4            | 0.10            | 26           |      | 10         | 100  |
|               |                   |            | Phenol-d6               | 0.4            | 0.06            | 16           |      | 10         | 100  |
|               |                   |            | Nitrobenzene-d5         | 0.4            | 0.33            | 81           |      | 27         | 123  |
|               |                   |            | 2-Fluorobiphenyl        | 0.4            | 0.34            | 85           |      | 34         | 132  |
|               |                   |            | 2,4,6-Tribromophenol    | 0.4            | 0.22            | 55           |      | 10         | 131  |
|               |                   |            | Terphenyl-d14           | 0.4            | 0.47            | 117          |      | 35         | 157  |
| P3666-03      | SP-303-70740816   | BN033520.D | 2-Methylnaphthalene-d10 | 0.4            | 0.27            | 67           |      | 20         | 139  |
|               |                   |            | Fluoranthene-d10        | 0.4            | 0.35            | 87           |      | 30         | 150  |
|               |                   |            | 2-Fluorophenol          | 0.4            | 0.10            | 24           |      | 10         | 100  |
|               |                   |            | Phenol-d6               | 0.4            | 0.06            | 14           |      | 10         | 100  |
|               |                   |            | Nitrobenzene-d5         | 0.4            | 0.29            | 72           |      | 27         | 123  |
|               |                   |            | 2-Fluorobiphenyl        | 0.4            | 0.30            | 76           |      | 34         | 132  |
|               |                   |            | 2,4,6-Tribromophenol    | 0.4            | 0.21            | 52           |      | 10         | 131  |
|               |                   |            | Terphenyl-d14           | 0.4            | 0.47            | 118          |      | 35         | 157  |
| PB162851BL    | PB162851BL        | BN033509.D | 2-Methylnaphthalene-d10 | 0.4            | 0.35            | 86           |      | 20         | 139  |
|               |                   |            | Fluoranthene-d10        | 0.4            | 0.34            | 85           |      | 30         | 150  |
|               |                   |            | 2-Fluorophenol          | 0.4            | 0.29            | 73           |      | 10         | 100  |
|               |                   |            | Phenol-d6               | 0.4            | 0.29            | 72           |      | 10         | 100  |
|               |                   |            | Nitrobenzene-d5         | 0.4            | 0.35            | 88           |      | 27         | 123  |
|               |                   |            | 2-Fluorobiphenyl        | 0.4            | 0.40            | 100          |      | 34         | 132  |
|               |                   |            | 2,4,6-Tribromophenol    | 0.4            | 0.21            | 52           |      | 10         | 131  |
|               |                   |            | Terphenyl-d14           | 0.4            | 0.38            | 96           |      | 35         | 157  |
| PB162851BS    | PB162851BS        | BN033515.D | 2-Methylnaphthalene-d10 | 0.4            | 0.36            | 89           |      | 20         | 139  |
|               |                   |            | Fluoranthene-d10        | 0.4            | 0.34            | 84           |      | 30         | 150  |
|               |                   |            | 2-Fluorophenol          | 0.4            | 0.29            | 73           |      | 10         | 100  |
|               |                   |            | Phenol-d6               | 0.4            | 0.31            | 76           |      | 10         | 100  |
|               |                   |            | Nitrobenzene-d5         | 0.4            | 0.36            | 89           |      | 27         | 123  |
|               |                   |            | 2-Fluorobiphenyl        | 0.4            | 0.39            | 97           |      | 34         | 132  |
|               |                   |            | 2,4,6-Tribromophenol    | 0.4            | 0.26            | 65           |      | 10         | 131  |
|               |                   |            | Terphenyl-d14           | 0.4            | 0.32            | 81           |      | 35         | 157  |
| PB162851BSD   | PB162851BSD       | BN033516.D | 2-Methylnaphthalene-d10 | 0.4            | 0.35            | 88           |      | 20         | 139  |

## Surrogate Summary

SW-846

SDG No.: BN082024

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

Analytical Method: 8270-Modified

| Lab Sample ID | Client ID   | Datafile   | Parameter            | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-------------|------------|----------------------|----------------|-----------------|--------------|------|------------|------|
|               |             |            |                      |                |                 |              |      | Low        | High |
| PB162851BSD   | PB162851BSD | BN033516.D | Fluoranthene-d10     | 0.4            | 0.33            | 83           |      | 30         | 150  |
|               |             |            | 2-Fluorophenol       | 0.4            | 0.29            | 72           |      | 10         | 100  |
|               |             |            | Phenol-d6            | 0.4            | 0.30            | 75           |      | 10         | 100  |
|               |             |            | Nitrobenzene-d5      | 0.4            | 0.35            | 88           |      | 27         | 123  |
|               |             |            | 2-Fluorobiphenyl     | 0.4            | 0.38            | 96           |      | 34         | 132  |
|               |             |            | 2,4,6-Tribromophenol | 0.4            | 0.27            | 67           |      | 10         | 131  |
|               |             |            | Terphenyl-d14        | 0.4            | 0.35            | 87           |      | 35         | 157  |

## Surrogate Summary

SW-846

SDG No.: BN082024

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

Analytical Method: 8270-Modified

| Lab Sample ID | Client ID  | Datafile   | Parameter               | Spike | Result | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------|-------|--------|--------------|------|------------|------|
|               |            |            |                         | (PPM) | (PPM)  |              |      | Low        | High |
| PB162859BL    | PB162859BL | BN033527.D | 2-Methylnaphthalene-d10 | 0.4   | 0.35   | 88           |      | 17         | 161  |
|               |            |            | Fluoranthene-d10        | 0.4   | 0.36   | 90           |      | 23         | 138  |
|               |            |            | 2-Fluorophenol          | 0.4   | 0.28   | 71           |      | 28         | 122  |
|               |            |            | Phenol-d6               | 0.4   | 0.28   | 70           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5         | 0.4   | 0.36   | 89           |      | 33         | 121  |
|               |            |            | 2-Fluorobiphenyl        | 0.4   | 0.41   | 101          |      | 32         | 121  |
|               |            |            | 2,4,6-Tribromophenol    | 0.4   | 0.19   | 47           |      | 19         | 110  |
|               |            |            | Terphenyl-d14           | 0.4   | 0.38   | 95           |      | 21         | 130  |

## Surrogate Summary

SW-846

SDG No.: **BN082024**

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

Analytical Method: **8270-Modified**

| Lab Sample ID | Client ID                    | Datafile | Parameter               | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------------------------|----------|-------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                              |          |                         |                |                 |              |      | Low        | High |
| P3643-01      | 932-K1-SD-0-0.5-0:BN033530.D |          | 2-Methylnaphthalene-d10 | 0.4            | 0.16            | 40           |      | 17         | 161  |
|               |                              |          | Fluoranthene-d10        | 0.4            | 0.11            | 28           |      | 23         | 138  |
|               |                              |          | 2-Fluorophenol          | 0.4            | 0.18            | 44           |      | 28         | 122  |
|               |                              |          | Phenol-d6               | 0.4            | 0.18            | 44           |      | 25         | 125  |
|               |                              |          | Nitrobenzene-d5         | 0.4            | 0.21            | 51           |      | 33         | 121  |
|               |                              |          | 2-Fluorobiphenyl        | 0.4            | 0.16            | 41           |      | 32         | 121  |
|               |                              |          | 2,4,6-Tribromophenol    | 0.4            | 0.13            | 32           |      | 19         | 110  |
|               |                              |          | Terphenyl-d14           | 0.4            | 0.10            | 24           |      | 21         | 130  |
| P3643-02MS    | 932-K1-SD-0-0.5-0:BN033531.D |          | 2-Methylnaphthalene-d10 | 0.4            | 0.25            | 63           |      | 17         | 161  |
|               |                              |          | Fluoranthene-d10        | 0.4            | 0.11            | 28           |      | 23         | 138  |
|               |                              |          | 2-Fluorophenol          | 0.4            | 0.18            | 44           |      | 28         | 122  |
|               |                              |          | Phenol-d6               | 0.4            | 0.17            | 43           |      | 25         | 125  |
|               |                              |          | Nitrobenzene-d5         | 0.4            | 0.21            | 51           |      | 33         | 121  |
|               |                              |          | 2-Fluorobiphenyl        | 0.4            | 0.16            | 40           |      | 32         | 121  |
|               |                              |          | 2,4,6-Tribromophenol    | 0.4            | 0.12            | 31           |      | 19         | 110  |
|               |                              |          | Terphenyl-d14           | 0.4            | 0.09            | 23           |      | 21         | 130  |
| P3643-03MSD   | 932-K1-SD-0-0.5-0:BN033532.D |          | 2-Methylnaphthalene-d10 | 0.4            | 0.24            | 60           |      | 17         | 161  |
|               |                              |          | Fluoranthene-d10        | 0.4            | 0.11            | 28           |      | 23         | 138  |
|               |                              |          | 2-Fluorophenol          | 0.4            | 0.17            | 41           |      | 28         | 122  |
|               |                              |          | Phenol-d6               | 0.4            | 0.16            | 41           |      | 25         | 125  |
|               |                              |          | Nitrobenzene-d5         | 0.4            | 0.19            | 49           |      | 33         | 121  |
|               |                              |          | 2-Fluorobiphenyl        | 0.4            | 0.15            | 38           |      | 32         | 121  |
|               |                              |          | 2,4,6-Tribromophenol    | 0.4            | 0.13            | 31           |      | 19         | 110  |
|               |                              |          | Terphenyl-d14           | 0.4            | 0.09            | 22           |      | 21         | 130  |
| P3643-04      | 932-K1-SD-0.5-1.0:BN033528.D |          | 2-Methylnaphthalene-d10 | 0.4            | 0.16            | 40           |      | 17         | 161  |
|               |                              |          | Fluoranthene-d10        | 0.4            | 0.15            | 38           |      | 23         | 138  |
|               |                              |          | 2-Fluorophenol          | 0.4            | 0.14            | 35           |      | 28         | 122  |
|               |                              |          | Phenol-d6               | 0.4            | 0.15            | 37           |      | 25         | 125  |
|               |                              |          | Nitrobenzene-d5         | 0.4            | 0.18            | 44           |      | 33         | 121  |
|               |                              |          | 2-Fluorobiphenyl        | 0.4            | 0.18            | 45           |      | 32         | 121  |
|               |                              |          | 2,4,6-Tribromophenol    | 0.4            | 0.12            | 29           |      | 19         | 110  |
|               |                              |          | Terphenyl-d14           | 0.4            | 0.14            | 34           |      | 21         | 130  |
| P3643-05      | 917-J-SD-0-0.5-081BN033533.D |          | 2-Methylnaphthalene-d10 | 0.4            | 0.14            | 34           |      | 17         | 161  |
|               |                              |          | Fluoranthene-d10        | 0.4            | 0.12            | 30           |      | 23         | 138  |
|               |                              |          | 2-Fluorophenol          | 0.4            | 0.15            | 36           |      | 28         | 122  |
|               |                              |          | Phenol-d6               | 0.4            | 0.15            | 37           |      | 25         | 125  |
|               |                              |          | Nitrobenzene-d5         | 0.4            | 0.16            | 40           |      | 33         | 121  |
|               |                              |          | 2-Fluorobiphenyl        | 0.4            | 0.14            | 36           |      | 32         | 121  |
|               |                              |          | 2,4,6-Tribromophenol    | 0.4            | 0.11            | 27           |      | 19         | 110  |
|               |                              |          | Terphenyl-d14           | 0.4            | 0.10            | 25           |      | 21         | 130  |
| P3643-06      | 917-J-SD-0.5-1.0:BN033537.D  |          | 2-Methylnaphthalene-d10 | 0.4            | 0.19            | 48           |      | 17         | 161  |
|               |                              |          | Fluoranthene-d10        | 0.4            | 0.15            | 38           |      | 23         | 138  |
|               |                              |          | 2-Fluorophenol          | 0.4            | 0.20            | 50           |      | 28         | 122  |
|               |                              |          | Phenol-d6               | 0.4            | 0.20            | 51           |      | 25         | 125  |
|               |                              |          | Nitrobenzene-d5         | 0.4            | 0.22            | 54           |      | 33         | 121  |
|               |                              |          | 2-Fluorobiphenyl        | 0.4            | 0.20            | 49           |      | 32         | 121  |
|               |                              |          | 2,4,6-Tribromophenol    | 0.4            | 0.15            | 37           |      | 19         | 110  |
|               |                              |          | Terphenyl-d14           | 0.4            | 0.13            | 31           |      | 21         | 130  |
| P3643-07      | 918-J-SD-0-0.5-081BN033539.D |          | 2-Methylnaphthalene-d10 | 0.4            | 0.12            | 31           |      | 17         | 161  |

## Surrogate Summary

SW-846

SDG No.: **BN082024**

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

Analytical Method: **8270-Modified**

| Lab Sample ID | Client ID                     | Datafile | Parameter               | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-------------------------------|----------|-------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                               |          |                         |                |                 |              |      | Low        | High |
| P3643-07      | 918-J-SD-0-0.5-081BN033539.D  |          | Fluoranthene-d10        | 0.4            | 0.12            | 30           |      | 23         | 138  |
|               |                               |          | 2-Fluorophenol          | 0.4            | 0.12            | 29           |      | 28         | 122  |
|               |                               |          | Phenol-d6               | 0.4            | 0.11            | 28           |      | 25         | 125  |
|               |                               |          | Nitrobenzene-d5         | 0.4            | 0.13            | 32           | *    | 33         | 121  |
|               |                               |          | 2-Fluorobiphenyl        | 0.4            | 0.13            | 32           |      | 32         | 121  |
|               |                               |          | 2,4,6-Tribromophenol    | 0.4            | 0.10            | 25           |      | 19         | 110  |
|               |                               |          | Terphenyl-d14           | 0.4            | 0.08            | 21           |      | 21         | 130  |
| P3643-08      | 918-J-SD-0.5-1.0-0:BN033529.D |          | 2-Methylnaphthalene-d10 | 0.4            | 0.15            | 38           |      | 17         | 161  |
|               |                               |          | Fluoranthene-d10        | 0.4            | 0.15            | 38           |      | 23         | 138  |
|               |                               |          | 2-Fluorophenol          | 0.4            | 0.13            | 33           |      | 28         | 122  |
|               |                               |          | Phenol-d6               | 0.4            | 0.13            | 33           |      | 25         | 125  |
|               |                               |          | Nitrobenzene-d5         | 0.4            | 0.16            | 39           |      | 33         | 121  |
|               |                               |          | 2-Fluorobiphenyl        | 0.4            | 0.17            | 42           |      | 32         | 121  |
|               |                               |          | 2,4,6-Tribromophenol    | 0.4            | 0.08            | 19           |      | 19         | 110  |
| P3643-09      | 924-K1-SD-0-0.5-0:BN033522.D  |          | Terphenyl-d14           | 0.4            | 0.14            | 36           |      | 21         | 130  |
|               |                               |          | 2-Methylnaphthalene-d10 | 0.4            | 0.14            | 34           |      | 17         | 161  |
|               |                               |          | Fluoranthene-d10        | 0.4            | 0.11            | 28           |      | 23         | 138  |
|               |                               |          | 2-Fluorophenol          | 0.4            | 0.12            | 30           |      | 28         | 122  |
|               |                               |          | Phenol-d6               | 0.4            | 0.13            | 31           |      | 25         | 125  |
|               |                               |          | Nitrobenzene-d5         | 0.4            | 0.14            | 36           |      | 33         | 121  |
|               |                               |          | 2-Fluorobiphenyl        | 0.4            | 0.14            | 36           |      | 32         | 121  |
| P3643-10      | 924-K1-SD-0.5-1.0-BN033523.D  |          | 2,4,6-Tribromophenol    | 0.4            | 0.10            | 26           |      | 19         | 110  |
|               |                               |          | Terphenyl-d14           | 0.4            | 0.13            | 31           |      | 21         | 130  |
|               |                               |          | 2-Methylnaphthalene-d10 | 0.4            | 0.11            | 27           |      | 17         | 161  |
|               |                               |          | Fluoranthene-d10        | 0.4            | 0.11            | 28           |      | 23         | 138  |
|               |                               |          | 2-Fluorophenol          | 0.4            | 0.10            | 24           | *    | 28         | 122  |
|               |                               |          | Phenol-d6               | 0.4            | 0.10            | 24           | *    | 25         | 125  |
|               |                               |          | Nitrobenzene-d5         | 0.4            | 0.12            | 29           | *    | 33         | 121  |
| P3643-11      | 921-J-SD-0-0.5-081BN033534.D  |          | 2-Fluorobiphenyl        | 0.4            | 0.12            | 31           | *    | 32         | 121  |
|               |                               |          | 2,4,6-Tribromophenol    | 0.4            | 0.07            | 19           |      | 19         | 110  |
|               |                               |          | Terphenyl-d14           | 0.4            | 0.10            | 25           |      | 21         | 130  |
|               |                               |          | 2-Methylnaphthalene-d10 | 0.4            | 0.21            | 52           |      | 17         | 161  |
|               |                               |          | Fluoranthene-d10        | 0.4            | 0.21            | 52           |      | 23         | 138  |
|               |                               |          | 2-Fluorophenol          | 0.4            | 0.23            | 56           |      | 28         | 122  |
|               |                               |          | Phenol-d6               | 0.4            | 0.20            | 49           |      | 25         | 125  |
| P3643-12      | 921-J-SD-0.5-1.0-0:BN033535.D |          | Nitrobenzene-d5         | 0.4            | 0.21            | 53           |      | 33         | 121  |
|               |                               |          | 2-Fluorobiphenyl        | 0.4            | 0.22            | 56           |      | 32         | 121  |
|               |                               |          | 2,4,6-Tribromophenol    | 0.4            | 0.16            | 40           |      | 19         | 110  |
|               |                               |          | Terphenyl-d14           | 0.4            | 0.18            | 44           |      | 21         | 130  |
|               |                               |          | 2-Methylnaphthalene-d10 | 0.4            | 0.13            | 32           |      | 17         | 161  |
|               |                               |          | Fluoranthene-d10        | 0.4            | 0.12            | 29           |      | 23         | 138  |
|               |                               |          | 2-Fluorophenol          | 0.4            | 0.12            | 31           |      | 28         | 122  |
| P3643-13      | 921-J-SD-0-0.5-081BN033538.D  |          | Phenol-d6               | 0.4            | 0.13            | 32           |      | 25         | 125  |
|               |                               |          | Nitrobenzene-d5         | 0.4            | 0.14            | 35           |      | 33         | 121  |
|               |                               |          | 2-Fluorobiphenyl        | 0.4            | 0.14            | 34           |      | 32         | 121  |
|               |                               |          | 2,4,6-Tribromophenol    | 0.4            | 0.10            | 26           |      | 19         | 110  |
|               |                               |          | Terphenyl-d14           | 0.4            | 0.11            | 27           |      | 21         | 130  |
|               |                               |          | 2-Methylnaphthalene-d10 | 0.4            | 0.17            | 41           |      | 17         | 161  |
|               |                               |          | Fluoranthene-d10        | 0.4            | 0.15            | 37           |      | 23         | 138  |

## Surrogate Summary

SW-846

SDG No.: **BN082024**

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

Analytical Method: **8270-Modified**

| Lab Sample ID | Client ID                    | Datafile   | Parameter               | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------------------------|------------|-------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                              |            |                         |                |                 |              |      | Low        | High |
| P3643-13      | 921-J-SD-0-0.5-081BN033538.D |            | 2-Fluorophenol          | 0.4            | 0.16            | 39           |      | 28         | 122  |
|               |                              |            | Phenol-d6               | 0.4            | 0.16            | 39           |      | 25         | 125  |
|               |                              |            | Nitrobenzene-d5         | 0.4            | 0.18            | 45           |      | 33         | 121  |
|               |                              |            | 2-Fluorobiphenyl        | 0.4            | 0.17            | 43           |      | 32         | 121  |
|               |                              |            | 2,4,6-Tribromophenol    | 0.4            | 0.13            | 33           |      | 19         | 110  |
|               |                              |            | Terphenyl-d14           | 0.4            | 0.14            | 34           |      | 21         | 130  |
| P3643-14      | 921-K1-SD-0.5-1.0-BN033536.D |            | 2-Methylnaphthalene-d10 | 0.4            | 0.13            | 32           |      | 17         | 161  |
|               |                              |            | Fluoranthene-d10        | 0.4            | 0.13            | 32           |      | 23         | 138  |
|               |                              |            | 2-Fluorophenol          | 0.4            | 0.11            | 28           |      | 28         | 122  |
|               |                              |            | Phenol-d6               | 0.4            | 0.11            | 28           |      | 25         | 125  |
|               |                              |            | Nitrobenzene-d5         | 0.4            | 0.13            | 32           | *    | 33         | 121  |
|               |                              |            | 2-Fluorobiphenyl        | 0.4            | 0.14            | 34           |      | 32         | 121  |
|               |                              |            | 2,4,6-Tribromophenol    | 0.4            | 0.09            | 23           |      | 19         | 110  |
|               |                              |            | Terphenyl-d14           | 0.4            | 0.12            | 29           |      | 21         | 130  |
| PB162860BS    | PB162860BS                   | BN033540.D | 2-Methylnaphthalene-d10 | 0.4            | 0.35            | 88           |      | 17         | 161  |
|               |                              |            | Fluoranthene-d10        | 0.4            | 0.37            | 91           |      | 23         | 138  |
|               |                              |            | 2-Fluorophenol          | 0.4            | 0.30            | 76           |      | 28         | 122  |
|               |                              |            | Phenol-d6               | 0.4            | 0.32            | 79           |      | 25         | 125  |
|               |                              |            | Nitrobenzene-d5         | 0.4            | 0.36            | 89           |      | 33         | 121  |
|               |                              |            | 2-Fluorobiphenyl        | 0.4            | 0.39            | 97           |      | 32         | 121  |
|               |                              |            | 2,4,6-Tribromophenol    | 0.4            | 0.27            | 67           |      | 19         | 110  |
|               |                              |            | Terphenyl-d14           | 0.4            | 0.31            | 77           |      | 21         | 130  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN082024

Lab Code: CHEM

SAS No.: BN082024 SDG NO.: BN082024

Lab File ID: BN033506.D

DFTPP Injection Date: 08/20/2024

Instrument ID: BNA\_N

DFTPP Injection Time: 15:12

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 36.1                 |
| 68  | Less than 2.0% of mass 69          | 0.7 ( 1.8 ) 1        |
| 69  | Mass 69 relative abundance         | 37.6                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 47.5                 |
| 197 | Less than 2.0% of mass 198         | 0.6                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.9                  |
| 275 | 10.0 - 60.0% of mass 198           | 26.9                 |
| 365 | Greater than 1% of mass 198        | 3.8                  |
| 441 | Present, but less than mass 443    | 11.1                 |
| 442 | Greater than 50% of mass 198       | 71.7                 |
| 443 | 15.0 - 24.0% of mass 442           | 13.2 ( 18.4 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO.        | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|--------------------------|------------------|----------------|------------------|------------------|
| SSTDCCC0.4               | SSTDCCC0.4       | BN033507.D     | 08/20/2024       | 15:51            |
| PB162787BL               | PB162787BL       | BN033508.D     | 08/20/2024       | 16:28            |
| PB162851BL               | PB162851BL       | BN033509.D     | 08/20/2024       | 17:04            |
| TT189D2-HYD-20240813     | P3623-02         | BN033510.D     | 08/20/2024       | 17:39            |
| BPOW6-7-HYD-20240814     | P3623-03         | BN033511.D     | 08/20/2024       | 18:16            |
| 914-J-WS-081524          | P3645-01         | BN033512.D     | 08/20/2024       | 18:52            |
| 916-J-WS-081524          | P3645-02         | BN033513.D     | 08/20/2024       | 19:28            |
| 916-J-WPO-0.25-081524    | P3646-02         | BN033514.D     | 08/20/2024       | 20:04            |
| PB162851BS               | PB162851BS       | BN033515.D     | 08/20/2024       | 20:40            |
| PB162851BSD              | PB162851BSD      | BN033516.D     | 08/20/2024       | 21:17            |
| 917-J-WPO-0.25-081624    | P3662-01         | BN033517.D     | 08/20/2024       | 21:53            |
| SP-100-70740816          | P3666-01         | BN033518.D     | 08/20/2024       | 22:29            |
| SP-201-70740816          | P3666-02         | BN033519.D     | 08/20/2024       | 23:06            |
| SP-303-70740816          | P3666-03         | BN033520.D     | 08/20/2024       | 23:42            |
| RW7-SP100-20240814DL     | P3650-01DL       | BN033521.D     | 08/21/2024       | 00:18            |
| 924-K1-SD-0-0.5-081524   | P3643-09         | BN033522.D     | 08/21/2024       | 00:54            |
| 924-K1-SD-0.5-1.0-081524 | P3643-10         | BN033523.D     | 08/21/2024       | 01:30            |
| SSTDCCC0.4EC             | SSTDCCC0.4       | BN033524.D     | 08/21/2024       | 02:07            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN082024

Lab Code: CHEM

SAS No.: BN082024 SDG NO.: BN082024

Lab File ID: BN033525.D

DFTPP Injection Date: 08/21/2024

Instrument ID: BNA\_N

DFTPP Injection Time: 03:22

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 40.6                 |
| 68  | Less than 2.0% of mass 69          | 0.7 ( 1.6 ) 1        |
| 69  | Mass 69 relative abundance         | 41.6                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 51.5                 |
| 197 | Less than 2.0% of mass 198         | 0.4                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 7                    |
| 275 | 10.0 - 60.0% of mass 198           | 27.3                 |
| 365 | Greater than 1% of mass 198        | 3.8                  |
| 441 | Present, but less than mass 443    | 11.1                 |
| 442 | Greater than 50% of mass 198       | 67.9                 |
| 443 | 15.0 - 24.0% of mass 442           | 11.7 ( 17.2 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO.           | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-----------------------------|------------------|----------------|------------------|------------------|
| SSTDCCC0.4                  | SSTDCCC0.4       | BN033526.D     | 08/21/2024       | 04:38            |
| PB162859BL                  | PB162859BL       | BN033527.D     | 08/21/2024       | 05:14            |
| 932-K1-SD-0.5-1.0-081524    | P3643-04         | BN033528.D     | 08/21/2024       | 05:50            |
| 918-J-SD-0.5-1.0-081524     | P3643-08         | BN033529.D     | 08/21/2024       | 06:26            |
| 932-K1-SD-0-0.5-081524      | P3643-01         | BN033530.D     | 08/21/2024       | 07:03            |
| 932-K1-SD-0-0.5-081524MS    | P3643-02MS       | BN033531.D     | 08/21/2024       | 07:39            |
| 932-K1-SD-0-0.5-081524MSD   | P3643-03MSD      | BN033532.D     | 08/21/2024       | 08:15            |
| 917-J-SD-0-0.5-081524       | P3643-05         | BN033533.D     | 08/21/2024       | 08:51            |
| 921-J-SD-0-0.5-081524       | P3643-11         | BN033534.D     | 08/21/2024       | 09:27            |
| 921-J-SD-0.5-1.0-081524     | P3643-12         | BN033535.D     | 08/21/2024       | 10:04            |
| 921-K1-SD-0.5-1.0-081524-FD | P3643-14         | BN033536.D     | 08/21/2024       | 10:40            |
| 917-J-SD-0.5-1.0-081524     | P3643-06         | BN033537.D     | 08/21/2024       | 11:16            |
| 921-J-SD-0-0.5-081524-FD    | P3643-13         | BN033538.D     | 08/21/2024       | 11:53            |
| 918-J-SD-0-0.5-081524       | P3643-07         | BN033539.D     | 08/21/2024       | 12:29            |
| PB162860BS                  | PB162860BS       | BN033540.D     | 08/21/2024       | 13:05            |
| SP6606                      | SP6606           | BN033541.D     | 08/21/2024       | 13:41            |
| SSTDCCC0.4EC                | SSTDCCC0.4       | BN033542.D     | 08/21/2024       | 14:18            |