

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BN101424 SAS No.: BN101424 SDG No.: BN101424

Instrument ID: BNA\_N Calibration Date/Time: 10/14/2024 : 19:14

Lab File ID: BN034578.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<br>RRF | %D     | MAX%D |
|----------------------------|-------|--------|------------|--------|-------|
| 2-Methylnaphthalene-d10    | 0.600 | 0.607  |            | 1.167  | 50.0  |
| Fluoranthene-d10           | 0.973 | 0.971  |            | -0.206 | 50.0  |
| n-Nitrosodimethylamine     | 0.439 | 0.418  |            | -4.784 | 50.0  |
| 2-Fluorophenol             | 1.084 | 1.164  |            | 7.38   | 50.0  |
| Phenol-d6                  | 1.124 | 1.244  |            | 10.676 | 50.0  |
| bis(2-Chloroethyl) ether   | 0.919 | 0.852  |            | -7.291 | 50.0  |
| Nitrobenzene-d5            | 0.261 | 0.245  |            | -6.13  | 50.0  |
| Naphthalene                | 1.046 | 1.024  |            | -2.103 | 50.0  |
| Hexachlorobutadiene        | 0.228 | 0.221  |            | -3.07  | 50.0  |
| 2-Methylnaphthalene        | 0.674 | 0.679  |            | 0.742  | 50.0  |
| 2-Fluorobiphenyl           | 1.379 | 1.272  |            | -7.759 | 50.0  |
| Acenaphthylene             | 1.626 | 1.509  |            | -7.196 | 50.0  |
| Acenaphthene               | 1.151 | 1.104  |            | -4.083 | 50.0  |
| Fluorene                   | 1.472 | 1.425  |            | -3.193 | 50.0  |
| 4,6-Dinitro-2-methylphenol | 0.005 | 0.005  |            | 0.0    | 50.0  |
| 2,4,6-Tribromophenol       | 0.177 | 0.190  |            | 7.345  | 50.0  |
| 4-Bromophenyl-phenylether  | 0.217 | 0.215  |            | -0.922 | 50.0  |
| Hexachlorobenzene          | 0.293 | 0.299  |            | 2.048  | 50.0  |
| Atrazine                   | 0.173 | 0.181  |            | 4.624  | 50.0  |
| Pentachlorophenol          | 0.084 | 0.087  |            | 3.571  | 50.0  |
| Phenanthrene               | 1.055 | 1.059  |            | 0.379  | 50.0  |
| Anthracene                 | 0.916 | 0.909  |            | -0.764 | 50.0  |
| Fluoranthene               | 1.202 | 1.174  |            | -2.329 | 50.0  |
| Pyrene                     | 3.925 | 4.133  |            | 5.299  | 50.0  |
| Terphenyl-d14              | 1.950 | 2.190  |            | 12.308 | 50.0  |
| Benzo(a)anthracene         | 0.000 | 0.000  |            | 0.0    | 50.0  |
| Chrysene                   | 3.584 | 3.611  |            | 0.753  | 50.0  |
| Bis(2-ethylhexyl)phthalate | 0.000 | 0.000  |            | 0.0    | 50.0  |
| Benzo(b)fluoranthene       | 1.337 | 1.299  |            | -2.842 | 50.0  |
| Benzo(k)fluoranthene       | 1.523 | 1.545  |            | 1.445  | 50.0  |
| Benzo(a)pyrene             | 1.161 | 1.175  |            | 1.206  | 50.0  |
| Indeno(1,2,3-cd)pyrene     | 1.554 | 1.492  |            | -3.99  | 50.0  |
| Dibenzo(a,h)anthracene     | 1.189 | 1.137  |            | -4.373 | 50.0  |
| Benzo(g,h,i)perylene       | 1.421 | 1.352  |            | -4.856 | 50.0  |
| 1,4-Dioxane                | 0.482 | 0.463  |            | -3.942 | 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.: BN101424 SAS No.: BN101424 SDG No.: BN101424

Instrument ID: BNA\_N Calibration Date/Time: 10/14/2024 : 20:30

Lab File ID: BN034580.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<br>RRF | %D      | MAX%D |
|----------------------------|-------|--------|------------|---------|-------|
| 2-Methylnaphthalene-d10    | 0.600 | 0.599  |            | -0.167  | 20.0  |
| Fluoranthene-d10           | 0.973 | 0.976  |            | 0.308   | 20.0  |
| n-Nitrosodimethylamine     | 0.439 | 0.433  |            | -1.367  | 20.0  |
| 2-Fluorophenol             | 1.084 | 1.083  |            | -0.092  | 20.0  |
| Phenol-d6                  | 1.124 | 1.125  |            | 0.089   | 20.0  |
| bis(2-Chloroethyl)ether    | 0.919 | 0.829  |            | -9.793  | 20.0  |
| Nitrobenzene-d5            | 0.261 | 0.241  |            | -7.663  | 20.0  |
| Naphthalene                | 1.046 | 1.029  |            | -1.625  | 20.0  |
| Hexachlorobutadiene        | 0.228 | 0.226  |            | -0.877  | 20.0  |
| 2-Methylnaphthalene        | 0.674 | 0.672  |            | -0.297  | 20.0  |
| 2-Fluorobiphenyl           | 1.379 | 1.290  |            | -6.454  | 20.0  |
| Acenaphthylene             | 1.626 | 1.484  |            | -8.733  | 20.0  |
| Acenaphthene               | 1.151 | 1.117  |            | -2.954  | 20.0  |
| Fluorene                   | 1.472 | 1.432  |            | -2.717  | 20.0  |
| 4,6-Dinitro-2-methylphenol | 0.005 | 0.006  |            | 20.0    | 20.0  |
| 2,4,6-Tribromophenol       | 0.177 | 0.178  |            | 0.565   | 20.0  |
| 4-Bromophenyl-phenylether  | 0.217 | 0.212  |            | -2.304  | 20.0  |
| Hexachlorobenzene          | 0.293 | 0.300  |            | 2.389   | 20.0  |
| Atrazine                   | 0.173 | 0.173  |            | 0.0     | 20.0  |
| Pentachlorophenol          | 0.084 | 0.085  |            | 1.19    | 20.0  |
| Phenanthrene               | 1.055 | 1.071  |            | 1.517   | 20.0  |
| Anthracene                 | 0.916 | 0.912  |            | -0.437  | 20.0  |
| Fluoranthene               | 1.202 | 1.199  |            | -0.25   | 20.0  |
| Pyrene                     | 3.925 | 3.594  |            | -8.433  | 20.0  |
| Terphenyl-d14              | 1.950 | 1.858  |            | -4.718  | 20.0  |
| Benzo(a)anthracene         | 0.000 | 0.000  |            | 0.0     | 20.0  |
| Chrysene                   | 3.584 | 3.190  |            | -10.993 | 20.0  |
| Bis(2-ethylhexyl)phthalate | 0.000 | 0.000  |            | 0.0     | 20.0  |
| Benzo(b)fluoranthene       | 1.337 | 1.258  |            | -5.909  | 20.0  |
| Benzo(k)fluoranthene       | 1.523 | 1.522  |            | -0.066  | 20.0  |
| Benzo(a)pyrene             | 1.161 | 1.167  |            | 0.517   | 20.0  |
| Indeno(1,2,3-cd)pyrene     | 1.554 | 1.564  |            | 0.644   | 20.0  |
| Dibenzo(a,h)anthracene     | 1.189 | 1.182  |            | -0.589  | 20.0  |
| Benzo(g,h,i)perylene       | 1.421 | 1.426  |            | 0.352   | 20.0  |
| 1,4-Dioxane                | 0.482 | 0.492  |            | 2.075   | 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.: BN101424 SAS No.: BN101424 SDG No.: BN101424

Instrument ID: BNA\_N Calibration Date/Time: 10/15/2024 : 02:32

Lab File ID: BN034590.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<br>RRF | %D      | MAX%D |
|----------------------------|-------|--------|------------|---------|-------|
| 2-Methylnaphthalene-d10    | 0.600 | 0.592  |            | -1.333  | 50.0  |
| Fluoranthene-d10           | 0.973 | 0.930  |            | -4.419  | 50.0  |
| n-Nitrosodimethylamine     | 0.439 | 0.432  |            | -1.595  | 50.0  |
| 2-Fluorophenol             | 1.084 | 1.056  |            | -2.583  | 50.0  |
| Phenol-d6                  | 1.124 | 1.063  |            | -5.427  | 50.0  |
| bis(2-Chloroethyl) ether   | 0.919 | 0.751  |            | -18.281 | 50.0  |
| Nitrobenzene-d5            | 0.261 | 0.238  |            | -8.812  | 50.0  |
| Naphthalene                | 1.046 | 1.037  |            | -0.86   | 50.0  |
| Hexachlorobutadiene        | 0.228 | 0.232  |            | 1.754   | 50.0  |
| 2-Methylnaphthalene        | 0.674 | 0.666  |            | -1.187  | 50.0  |
| 2-Fluorobiphenyl           | 1.379 | 1.315  |            | -4.641  | 50.0  |
| Acenaphthylene             | 1.626 | 1.490  |            | -8.364  | 50.0  |
| Acenaphthene               | 1.151 | 1.122  |            | -2.52   | 50.0  |
| Fluorene                   | 1.472 | 1.412  |            | -4.076  | 50.0  |
| 4,6-Dinitro-2-methylphenol | 0.005 | 0.005  |            | 0.0     | 50.0  |
| 2,4,6-Tribromophenol       | 0.177 | 0.161  |            | -9.04   | 50.0  |
| 4-Bromophenyl-phenylether  | 0.217 | 0.211  |            | -2.765  | 50.0  |
| Hexachlorobenzene          | 0.293 | 0.311  |            | 6.143   | 50.0  |
| Atrazine                   | 0.173 | 0.166  |            | -4.046  | 50.0  |
| Pentachlorophenol          | 0.084 | 0.069  |            | -17.857 | 50.0  |
| Phenanthrene               | 1.055 | 1.050  |            | -0.474  | 50.0  |
| Anthracene                 | 0.916 | 0.873  |            | -4.694  | 50.0  |
| Fluoranthene               | 1.202 | 1.146  |            | -4.659  | 50.0  |
| Pyrene                     | 3.925 | 3.147  |            | -19.822 | 50.0  |
| Terphenyl-d14              | 1.950 | 1.586  |            | -18.667 | 50.0  |
| Benzo(a)anthracene         | 0.000 | 0.000  |            | 0.0     | 50.0  |
| Chrysene                   | 3.584 | 3.070  |            | -14.342 | 50.0  |
| Bis(2-ethylhexyl)phthalate | 0.000 | 0.000  |            | 0.0     | 50.0  |
| Benzo(b)fluoranthene       | 1.337 | 1.244  |            | -6.956  | 50.0  |
| Benzo(k)fluoranthene       | 1.523 | 1.602  |            | 5.187   | 50.0  |
| Benzo(a)pyrene             | 1.161 | 1.154  |            | -0.603  | 50.0  |
| Indeno(1,2,3-cd)pyrene     | 1.554 | 1.589  |            | 2.252   | 50.0  |
| Dibenzo(a,h)anthracene     | 1.189 | 1.206  |            | 1.43    | 50.0  |
| Benzo(g,h,i)perylene       | 1.421 | 1.456  |            | 2.463   | 50.0  |
| 1,4-Dioxane                | 0.482 | 0.489  |            | 1.452   | 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.: BN101424 SAS No.: BN101424 SDG No.: BN101424

Instrument ID: BNA\_N Calibration Date/Time: 10/14/2024 : 13:48

Lab File ID: BN034569.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTDICCC0.4 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                   | RRF   | RRF0.4 | MIN<br>RRF | %D      | MAX%D |
|----------------------------|-------|--------|------------|---------|-------|
| 2-Methylnaphthalene-d10    | 0.600 | 0.593  |            | -1.167  | 20.0  |
| Fluoranthene-d10           | 0.973 | 0.928  |            | -4.625  | 20.0  |
| n-Nitrosodimethylamine     | 0.439 | 0.426  |            | -2.961  | 20.0  |
| 2-Fluorophenol             | 1.084 | 1.057  |            | -2.491  | 20.0  |
| Phenol-d6                  | 1.124 | 1.061  |            | -5.605  | 20.0  |
| bis(2-Chloroethyl)ether    | 0.919 | 0.889  |            | -3.264  | 20.0  |
| Nitrobenzene-d5            | 0.261 | 0.244  |            | -6.513  | 20.0  |
| Naphthalene                | 1.046 | 1.042  |            | -0.382  | 20.0  |
| Hexachlorobutadiene        | 0.228 | 0.229  |            | 0.439   | 20.0  |
| 2-Methylnaphthalene        | 0.674 | 0.669  |            | -0.742  | 20.0  |
| 2-Fluorobiphenyl           | 1.379 | 1.332  |            | -3.408  | 20.0  |
| Acenaphthylene             | 1.626 | 1.497  |            | -7.934  | 20.0  |
| Acenaphthene               | 1.151 | 1.118  |            | -2.867  | 20.0  |
| Fluorene                   | 1.472 | 1.423  |            | -3.329  | 20.0  |
| 4,6-Dinitro-2-methylphenol | 0.005 | 0.005  |            | 0.0     | 20.0  |
| 2,4,6-Tribromophenol       | 0.177 | 0.141  |            | -20.339 | 20.0  |
| 4-Bromophenyl-phenylether  | 0.217 | 0.222  |            | 2.304   | 20.0  |
| Hexachlorobenzene          | 0.293 | 0.307  |            | 4.778   | 20.0  |
| Atrazine                   | 0.173 | 0.168  |            | -2.89   | 20.0  |
| Pentachlorophenol          | 0.084 | 0.065  |            | -22.619 | 20.0  |
| Phenanthrene               | 1.055 | 1.073  |            | 1.706   | 20.0  |
| Anthracene                 | 0.916 | 0.889  |            | -2.948  | 20.0  |
| Fluoranthene               | 1.202 | 1.149  |            | -4.409  | 20.0  |
| Pyrene                     | 3.925 | 3.029  |            | -22.828 | 20.0  |
| Terphenyl-d14              | 1.950 | 1.537  |            | -21.179 | 20.0  |
| Benzo(a)anthracene         | 0.000 | 0.000  |            | 0.0     | 20.0  |
| Chrysene                   | 3.584 | 2.924  |            | -18.415 | 20.0  |
| Bis(2-ethylhexyl)phthalate | 0.000 | 0.000  |            | 0.0     | 20.0  |
| Benzo(b)fluoranthene       | 1.337 | 1.251  |            | -6.432  | 20.0  |
| Benzo(k)fluoranthene       | 1.523 | 1.544  |            | 1.379   | 20.0  |
| Benzo(a)pyrene             | 1.161 | 1.129  |            | -2.756  | 20.0  |
| Indeno(1,2,3-cd)pyrene     | 1.554 | 1.569  |            | 0.965   | 20.0  |
| Dibenzo(a,h)anthracene     | 1.189 | 1.192  |            | 0.252   | 20.0  |
| Benzo(g,h,i)perylene       | 1.421 | 1.464  |            | 3.026   | 20.0  |
| 1,4-Dioxane                | 0.482 | 0.504  |            | 4.564   | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |               |              |    |                 |          |      |    |
|--------------------|---------------|--------------|----|-----------------|----------|------|----|
| Client:            |               |              |    | Date Collected: |          |      |    |
| Project:           |               |              |    | Date Received:  |          |      |    |
| Client Sample ID:  | SSTDCCC0.4    |              |    | SDG No.:        | BN101424 |      |    |
| Lab Sample ID:     | SSTDCCC0.4    |              |    | 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 |
| BN034566.D        | 1         |           | 10/14/2024 12:00:00 AM |               |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|-----|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |     |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 390   |           | 30  | 200 | 200        | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 370   |           | 28  | 100 | 100        | ug/L  |
| 91-20-3        | Naphthalene                | 390   |           | 24  | 100 | 100        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 400   |           | 26  | 100 | 100        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 380   |           | 30  | 100 | 100        | ug/L  |
| 208-96-8       | Acenaphthylene             | 360   |           | 21  | 100 | 100        | ug/L  |
| 83-32-9        | Acenaphthene               | 380   |           | 20  | 100 | 100        | ug/L  |
| Total PAH      | Total PAH                  | 5710  |           | 456 | 100 | 1600       | ug/L  |
| 86-73-7        | Fluorene                   | 370   |           | 18  | 100 | 100        | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 330   |           | 140 | 200 | 200        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 380   |           | 26  | 100 | 100        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 420   |           | 29  | 100 | 100        | ug/L  |
| 1912-24-9      | Atrazine                   | 370   |           | 23  | 100 | 100        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 350   |           | 90  | 200 | 200        | ug/L  |
| 85-01-8        | Phenanthrene               | 400   |           | 20  | 100 | 100        | ug/L  |
| 120-12-7       | Anthracene                 | 390   |           | 24  | 100 | 100        | ug/L  |
| 206-44-0       | Fluoranthene               | 420   |           | 23  | 100 | 100        | ug/L  |
| 129-00-0       | Pyrene                     | 280   |           | 22  | 100 | 100        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 22    | U         | 22  | 100 | 100        | ug/L  |
| 218-01-9       | Chrysene                   | 350   |           | 26  | 100 | 100        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 140   | U         | 140 | 200 | 200        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 380   |           | 32  | 100 | 100        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 390   |           | 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     | 400   |           | 38  | 100 | 100        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 400   |           | 39  | 100 | 100        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 410   |           | 37  | 100 | 100        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 410   |           | 68  | 200 | 200        | ug/L  |

## Report of Analysis

|                    |               |              |    |                 |          |      |  |
|--------------------|---------------|--------------|----|-----------------|----------|------|--|
| Client:            |               |              |    | Date Collected: |          |      |  |
| Project:           |               |              |    | Date Received:  |          |      |  |
| Client Sample ID:  | SSTDCCC0.4    |              |    | SDG No.:        | BN101424 |      |  |
| Lab Sample ID:     | SSTDCCC0.4    |              |    | 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 |
| BN034566.D        | 1         |           | 10/14/2024 12:00:00 AM |               |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 379   | *         | 20-139 |     | 94750      | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 427   | *         | 30-150 |     | 106750     | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 389   | *         | 10-100 |     | 97250      | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 367   | *         | 10-100 |     | 91750      | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 368   | *         | 27-123 |     | 92000      | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 382   | *         | 34-132 |     | 95500      | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 315   | *         | 10-131 |     | 78750      | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 392   | *         | 35-157 |     | 98000      | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 3643  |           | 7.365  |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 10140 |           | 10.116 |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 5771  |           | 14.019 |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 10982 |           | 16.783 |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 5201  |           | 21.008 |     |            |           |
| 1520-96-3                 | Perylene-d12            | 10155 |           | 23.104 |     |            |           |

## Report of Analysis

|                    |                        |                 |                 |
|--------------------|------------------------|-----------------|-----------------|
| Client:            |                        | Date Collected: |                 |
| Project:           |                        | Date Received:  |                 |
| Client Sample ID:  | ICVBN101424            | SDG No.:        | BN101424        |
| Lab Sample ID:     | SSTDICV0.4             | 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 :      |                 |
| Injection Volume : |                        | Level :         | LOW             |
|                    | GPC Factor :           | GPC Cleanup :   | PH :            |

|                   |           |           |                        |               |
|-------------------|-----------|-----------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed          | Prep Batch ID |
| BN034574.D        | 1         |           | 10/14/2024 12:00:00 AM |               |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|-----|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |     |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 380   |           | 30  | 200 | 200        | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 330   |           | 28  | 100 | 100        | ug/L  |
| 91-20-3        | Naphthalene                | 390   |           | 24  | 100 | 100        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 400   |           | 26  | 100 | 100        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 400   |           | 30  | 100 | 100        | ug/L  |
| 208-96-8       | Acenaphthylene             | 370   |           | 21  | 100 | 100        | ug/L  |
| 83-32-9        | Acenaphthene               | 390   |           | 20  | 100 | 100        | ug/L  |
| Total PAH      | Total PAH                  | 5630  |           | 456 | 100 | 1600       | ug/L  |
| 86-73-7        | Fluorene                   | 400   |           | 18  | 100 | 100        | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 420   |           | 140 | 200 | 200        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 390   |           | 26  | 100 | 100        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 410   |           | 29  | 100 | 100        | ug/L  |
| 1912-24-9      | Atrazine                   | 380   |           | 23  | 100 | 100        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 280   |           | 90  | 200 | 200        | ug/L  |
| 85-01-8        | Phenanthrene               | 400   |           | 20  | 100 | 100        | ug/L  |
| 120-12-7       | Anthracene                 | 390   |           | 24  | 100 | 100        | ug/L  |
| 206-44-0       | Fluoranthene               | 400   |           | 23  | 100 | 100        | ug/L  |
| 129-00-0       | Pyrene                     | 280   |           | 22  | 100 | 100        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 22    | U         | 22  | 100 | 100        | ug/L  |
| 218-01-9       | Chrysene                   | 290   |           | 26  | 100 | 100        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 140   | U         | 140 | 200 | 200        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 380   |           | 32  | 100 | 100        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 420   |           | 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       | 380   |           | 37  | 100 | 100        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 410   |           | 68  | 200 | 200        | ug/L  |

## Report of Analysis

|                    |                |                 |            |
|--------------------|----------------|-----------------|------------|
| Client:            |                | Date Collected: |            |
| Project:           |                | Date Received:  |            |
| Client Sample ID:  | ICVBN101424    | SDG No.:        | BN101424   |
| Lab Sample ID:     | SSTDICV0.4     | 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 |
| BN034574.D        | 1         |           | 10/14/2024 12:00:00 AM |               |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 398   | *         | 20-139 |     | 99500      | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 398   | *         | 30-150 |     | 99500      | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 379   | *         | 10-100 |     | 94750      | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 365   | *         | 10-100 |     | 91250      | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 356   | *         | 27-123 |     | 89000      | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 377   | *         | 34-132 |     | 94250      | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 338   | *         | 10-131 |     | 84500      | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 391   | *         | 35-157 |     | 97750      | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 4606  |           | 7.365  |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 14096 |           | 10.116 |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 8828  |           | 14.015 |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 18205 |           | 16.778 |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 7980  |           | 21.006 |     |            |           |
| 1520-96-3                 | Perylene-d12            | 10560 |           | 23.11  |     |            |           |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 10/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 10/1/2024 12:00:00 AM |
| Client Sample ID:  | PB163828BL     | SDG No.:        | BN101424              |
| Lab Sample ID:     | PB163828BL     | 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 |
| BN034575.D        | 1         | 10/1/2024 12:00:00 AM | 10/14/2024 12:00:00 AM | PB163828      |

| 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: | 10/1/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/1/2024 12:00:00 AM |
| Client Sample ID:  | PB163828BL             | SDG No.:        | BN101424              |
| Lab Sample ID:     | PB163828BL             | 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 |
| BN034575.D        | 1         | 10/1/2024 12:00:00 AM | 10/14/2024 12:00:00 AM | PB163828      |

| CAS Number                | Parameter               | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|--------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |        |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.007  | *         | 20-139 |     | 2          | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.007  | *         | 30-150 |     | 2          | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.006  | *         | 10-100 |     | 1          | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.005  | *         | 10-100 |     | 1          | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.007  | *         | 27-123 |     | 2          | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.007  | *         | 34-132 |     | 2          | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.002  | *         | 10-131 |     | 1          | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.213  |           | 35-157 |     | 53         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |        |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 243007 | 7.358     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 709588 | 10.116    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 440763 | 14.008    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 901981 | 16.771    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 123868 | 21.008    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 610689 | 23.101    |        |     |            |           |

## Report of Analysis

|                    |               |                 |                        |
|--------------------|---------------|-----------------|------------------------|
| Client:            |               | Date Collected: | 10/10/2024 12:00:00 AM |
| Project:           |               | Date Received:  | 10/10/2024 12:00:00 AM |
| Client Sample ID:  | DSN002RE      | SDG No.:        | BN101424               |
| Lab Sample ID:     | P4386-03RE    | 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 |
| BN034576.D        | 1         | 10/11/2024 12:00:00 AM | 10/14/2024 12:00:00 AM | PB164072      |

| 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                | 0.56  |           | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                       |                 |                        |
|--------------------|-----------------------|-----------------|------------------------|
| Client:            |                       | Date Collected: | 10/10/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 10/10/2024 12:00:00 AM |
| Client Sample ID:  | DSN002RE              | SDG No.:        | BN101424               |
| Lab Sample ID:     | P4386-03RE            | 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 |
| BN034576.D        | 1         | 10/11/2024 12:00:00 AM | 10/14/2024 12:00:00 AM | PB164072      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.403 |           | 20-139 |     | 101        | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.438 |           | 30-150 |     | 109        | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.24  |           | 10-100 |     | 60         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.192 |           | 10-100 |     | 48         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.374 |           | 27-123 |     | 94         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.362 |           | 34-132 |     | 90         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.452 |           | 10-131 |     | 113        | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.89  | *         | 35-157 |     | 222        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7357  | 7.365     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 23812 | 10.116    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 15275 | 14.008    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 30544 | 16.771    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 4425  | 21.008    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 17801 | 23.098    |        |     |            |           |

## Report of Analysis

|                    |                       |                 |                        |
|--------------------|-----------------------|-----------------|------------------------|
| Client:            |                       | Date Collected: | 10/10/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 10/10/2024 12:00:00 AM |
| Client Sample ID:  | DSN003RE              | SDG No.:        | BN101424               |
| Lab Sample ID:     | P4386-04RE            | 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 |
| BN034577.D        | 1         | 10/11/2024 12:00:00 AM | 10/14/2024 12:00:00 AM | PB164072      |

| 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                | 0.73  |           | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                       |                 |                        |
|--------------------|-----------------------|-----------------|------------------------|
| Client:            |                       | Date Collected: | 10/10/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 10/10/2024 12:00:00 AM |
| Client Sample ID:  | DSN003RE              | SDG No.:        | BN101424               |
| Lab Sample ID:     | P4386-04RE            | 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 |
| BN034577.D        | 1         | 10/11/2024 12:00:00 AM | 10/14/2024 12:00:00 AM | PB164072      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.437 |           | 20-139 |     | 109        | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.453 |           | 30-150 |     | 113        | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.267 |           | 10-100 |     | 67         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.196 |           | 10-100 |     | 49         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.406 |           | 27-123 |     | 101        | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.39  |           | 34-132 |     | 97         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.488 |           | 10-131 |     | 122        | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.685 | *         | 35-157 |     | 171        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 6375  | 7.366     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 21023 | 10.116    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 13591 | 14.015    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 25704 | 16.766    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 5336  | 21.006    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 15705 | 23.096    |        |     |            |           |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 10/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 10/1/2024 12:00:00 AM |
| Client Sample ID:  | PB163828BL     | SDG No.:        | BN101424              |
| Lab Sample ID:     | PB163828BL     | 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 |
| BN034581.D        | 1         | 10/1/2024 12:00:00 AM | 10/14/2024 12:00:00 AM | PB163828      |

| 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: | 10/1/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/1/2024 12:00:00 AM |
| Client Sample ID:  | PB163828BL             | SDG No.:        | BN101424              |
| Lab Sample ID:     | PB163828BL             | 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 |
| BN034581.D        | 1         | 10/1/2024 12:00:00 AM | 10/14/2024 12:00:00 AM | PB163828      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.347 |           | 20-139 |     | 87         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.397 |           | 30-150 |     | 99         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.354 |           | 10-100 |     | 88         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.27  |           | 10-100 |     | 68         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.314 |           | 27-123 |     | 79         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.37  |           | 34-132 |     | 93         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.134 |           | 10-131 |     | 34         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.391 |           | 35-157 |     | 98         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 4658  | 7.366     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 12530 | 10.137    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 7178  | 14.019    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 11795 | 16.784    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 5557  | 21.008    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 11603 | 23.104    |        |     |            |           |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/11/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 10/11/2024 12:00:00 AM |
| Client Sample ID:  | PB164072BL     | SDG No.:        | BN101424               |
| Lab Sample ID:     | PB164072BL     | 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 |
| BN034582.D        | 1         | 10/11/2024 12:00:00 AM | 10/14/2024 12:00:00 AM | PB164072      |

| 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: | 10/11/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/11/2024 12:00:00 AM |
| Client Sample ID:  | PB164072BL             | SDG No.:        | BN101424               |
| Lab Sample ID:     | PB164072BL             | 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 |
| BN034582.D        | 1         | 10/11/2024 12:00:00 AM | 10/14/2024 12:00:00 AM | PB164072      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.374 |           | 20-139 |     | 94         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.41  |           | 30-150 |     | 102        | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.406 | *         | 10-100 |     | 101        | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.319 |           | 10-100 |     | 80         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.336 |           | 27-123 |     | 84         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.442 |           | 34-132 |     | 111        | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.262 |           | 10-131 |     | 65         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.349 |           | 35-157 |     | 87         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 4203  | 7.365     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 12062 | 10.137    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 6920  | 14.019    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 11173 | 16.796    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 6395  | 21.008    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 8429  | 23.107    |        |     |            |           |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/11/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 10/11/2024 12:00:00 AM |
| Client Sample ID:  | PB164072BS     | SDG No.:        | BN101424               |
| Lab Sample ID:     | PB164072BS     | 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 |
| BN034583.D        | 1         | 10/11/2024 12:00:00 AM | 10/14/2024 12:00:00 AM | PB164072      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.45  |           | 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                | 0.43  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.41  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 0.42  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.41  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 83-32-9        | Acenaphthene               | 0.42  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| Total PAH      | Total PAH                  | 6.52  |           | 0.45 | 0.1 | 1.6        | ug/L  |
| 86-73-7        | Fluorene                   | 0.39  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 0.35  |           | 0.14 | 0.2 | 0.2        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.43  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.45  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 1912-24-9      | Atrazine                   | 0.4   |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.7   |           | 0.09 | 0.2 | 0.2        | ug/L  |
| 85-01-8        | Phenanthrene               | 0.44  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 120-12-7       | Anthracene                 | 0.43  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 206-44-0       | Fluoranthene               | 0.39  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 129-00-0       | Pyrene                     | 0.34  |           | 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                   | 0.39  |           | 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       | 0.42  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.45  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.47  |           | 0.06 | 0.1 | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.52  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.52  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.5   |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 0.33  |           | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/11/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/11/2024 12:00:00 AM |
| Client Sample ID:  | PB164072BS             | SDG No.:        | BN101424               |
| Lab Sample ID:     | PB164072BS             | 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 |
| BN034583.D        | 1         | 10/11/2024 12:00:00 AM | 10/14/2024 12:00:00 AM | PB164072      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.556 |           | 20-139 |     | 139        | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.371 |           | 30-150 |     | 93         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.352 |           | 10-100 |     | 88         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.342 |           | 10-100 |     | 86         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.401 |           | 27-123 |     | 100        | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.4   |           | 34-132 |     | 100        | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.287 |           | 10-131 |     | 72         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.419 |           | 35-157 |     | 105        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 4830  | 7.366     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 13753 | 10.116    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 7271  | 14.008    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 12370 | 16.784    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 4342  | 21.008    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 8592  | 23.101    |        |     |            |           |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/11/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 10/11/2024 12:00:00 AM |
| Client Sample ID:  | PB164072BSD    | SDG No.:        | BN101424               |
| Lab Sample ID:     | PB164072BSD    | 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 |
| BN034584.D        | 1         | 10/11/2024 12:00:00 AM | 10/14/2024 12:00:00 AM | PB164072      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.46  |           | 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                | 0.42  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.4   |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 0.41  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.41  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 83-32-9        | Acenaphthene               | 0.41  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| Total PAH      | Total PAH                  | 6.36  |           | 0.45 | 0.1 | 1.6        | ug/L  |
| 86-73-7        | Fluorene                   | 0.38  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 0.39  |           | 0.14 | 0.2 | 0.2        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.41  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.45  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 1912-24-9      | Atrazine                   | 0.39  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.67  |           | 0.09 | 0.2 | 0.2        | ug/L  |
| 85-01-8        | Phenanthrene               | 0.43  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 120-12-7       | Anthracene                 | 0.41  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 206-44-0       | Fluoranthene               | 0.37  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 129-00-0       | Pyrene                     | 0.31  |           | 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                   | 0.36  |           | 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       | 0.42  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.43  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.47  |           | 0.06 | 0.1 | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.53  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.52  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.49  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 0.31  |           | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/11/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/11/2024 12:00:00 AM |
| Client Sample ID:  | PB164072BSD            | SDG No.:        | BN101424               |
| Lab Sample ID:     | PB164072BSD            | 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 |
| BN034584.D        | 1         | 10/11/2024 12:00:00 AM | 10/14/2024 12:00:00 AM | PB164072      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.541 |           | 20-139 |     | 135        | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.358 |           | 30-150 |     | 90         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.342 |           | 10-100 |     | 86         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.338 |           | 10-100 |     | 84         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.394 |           | 27-123 |     | 98         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.388 |           | 34-132 |     | 97         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.286 |           | 10-131 |     | 72         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.397 |           | 35-157 |     | 99         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 5203  | 7.365     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 14775 | 10.116    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 7913  | 14.008    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 13541 | 16.771    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 5062  | 21.008    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 9196  | 23.104    |        |     |            |           |

## Report of Analysis

|                    |                         |                 |                       |
|--------------------|-------------------------|-----------------|-----------------------|
| Client:            |                         | Date Collected: | 10/1/2024 12:00:00 AM |
| Project:           |                         | Date Received:  | 10/1/2024 12:00:00 AM |
| Client Sample ID:  | BPOW6-11-HYD-20241001RE | SDG No.:        | BN101424              |
| Lab Sample ID:     | P4267-01RE              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified           | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 890      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 |
| BN034585.D        | 1         | 10/2/2024 12:00:00 AM | 10/14/2024 12:00:00 AM | PB163839      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.03  | U         | 0.03 | 0.22 | 0.22       | 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                  | 0.5   | U         | 0.5  | 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 | 0.16  | U         | 0.16 | 0.22 | 0.22       | 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                   | 0.03  | U         | 0.03 | 0.11 | 0.11       | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.1   | U         | 0.1  | 0.22 | 0.22       | 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               | 0.03  | U         | 0.03 | 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 | 0.16  | U         | 0.16 | 0.22 | 0.22       | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.04  | U         | 0.04 | 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                | 0.08  | U         | 0.08 | 0.22 | 0.22       | ug/L  |

## Report of Analysis

|                    |                         |                 |                       |
|--------------------|-------------------------|-----------------|-----------------------|
| Client:            |                         | Date Collected: | 10/1/2024 12:00:00 AM |
| Project:           |                         | Date Received:  | 10/1/2024 12:00:00 AM |
| Client Sample ID:  | BPOW6-11-HYD-20241001RE | SDG No.:        | BN101424              |
| Lab Sample ID:     | P4267-01RE              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified           | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 890 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 |
| BN034585.D        | 1         | 10/2/2024 12:00:00 AM | 10/14/2024 12:00:00 AM | PB163839      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.07  | *         | 20-139 |     | 17         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.403 |           | 30-150 |     | 101        | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.119 |           | 10-100 |     | 30         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0     | U         | 10-100 |     | 0          | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.339 |           | 27-123 |     | 85         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.364 |           | 34-132 |     | 91         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.249 |           | 10-131 |     | 62         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.473 |           | 35-157 |     | 118        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 4163  | 7.366     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 11428 | 10.127    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 6745  | 14.015    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 11809 | 16.778    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 4859  | 21.006    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 7116  | 23.105    |        |     |            |           |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 10/2/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 10/2/2024 12:00:00 AM |
| Client Sample ID:  | RW7-SP302-20241002    | SDG No.:        | BN101424              |
| Lab Sample ID:     | P4282-03              | 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 |
| BN034586.D        | 1         | 10/4/2024 12:00:00 AM | 10/15/2024 12:00:00 AM | PB163903      |

| 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                | 0.02  | 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                  | 0.46  | U         | 0.46 | 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 | 0.21 | 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  | 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 | 0.21 | 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                | 0.11  | J         | 0.07 | 0.21 | 0.21       | ug/L  |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 10/2/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 10/2/2024 12:00:00 AM |
| Client Sample ID:  | RW7-SP302-20241002 | SDG No.:        | BN101424              |
| Lab Sample ID:     | P4282-03           | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 970                | Units:          | mL                    |
| Soil Aliquot Vol:  |                    | Final Vol:      | 1000                  |
| 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 |
| BN034586.D        | 1         | 10/4/2024 12:00:00 AM | 10/15/2024 12:00:00 AM | PB163903      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.366 |           | 20-139 |     | 91         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.457 |           | 30-150 |     | 114        | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.106 |           | 10-100 |     | 26         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.063 |           | 10-100 |     | 16         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.355 |           | 27-123 |     | 89         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.365 |           | 34-132 |     | 91         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.067 |           | 10-131 |     | 17         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.432 |           | 35-157 |     | 108        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 3755  | 7.365     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 10712 | 10.137    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 6300  | 14.019    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 10749 | 16.783    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 5448  | 21.008    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 8672  | 23.104    |        |     |            |           |

## Report of Analysis

|                    |                          |                 |                       |
|--------------------|--------------------------|-----------------|-----------------------|
| Client:            |                          | Date Collected: | 9/26/2024 12:00:00 AM |
| Project:           |                          | Date Received:  | 9/26/2024 12:00:00 AM |
| Client Sample ID:  | BP-TT189D2-GW-20240926DL | SDG No.:        | BN101424              |
| Lab Sample ID:     | P4241-02DL               | 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 |
| BN034587.D        | 2         | 10/1/2024 12:00:00 AM | 10/15/2024 12:00:00 AM | PB163828      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.06  | U         | 0.06 | 0.41 | 0.41       | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.06  | U         | 0.06 | 0.21 | 0.21       | ug/L  |
| 91-20-3        | Naphthalene                | 0.05  | U         | 0.05 | 0.21 | 0.21       | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.05  | U         | 0.05 | 0.21 | 0.21       | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 0.06  | U         | 0.06 | 0.21 | 0.21       | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.04  | U         | 0.04 | 0.21 | 0.21       | ug/L  |
| 83-32-9        | Acenaphthene               | 0.04  | U         | 0.04 | 0.21 | 0.21       | ug/L  |
| Total PAH      | Total PAH                  | 0.96  | U         | 0.96 | 0.21 | 3.36       | ug/L  |
| 86-73-7        | Fluorene                   | 0.04  | U         | 0.04 | 0.21 | 0.21       | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 0.29  | U         | 0.29 | 0.41 | 0.41       | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.05  | U         | 0.05 | 0.21 | 0.21       | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.06  | U         | 0.06 | 0.21 | 0.21       | ug/L  |
| 1912-24-9      | Atrazine                   | 0.05  | U         | 0.05 | 0.21 | 0.21       | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.19  | U         | 0.19 | 0.41 | 0.41       | ug/L  |
| 85-01-8        | Phenanthrene               | 0.04  | U         | 0.04 | 0.21 | 0.21       | ug/L  |
| 120-12-7       | Anthracene                 | 0.05  | U         | 0.05 | 0.21 | 0.21       | ug/L  |
| 206-44-0       | Fluoranthene               | 0.05  | U         | 0.05 | 0.21 | 0.21       | ug/L  |
| 129-00-0       | Pyrene                     | 0.05  | U         | 0.05 | 0.21 | 0.21       | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.05  | U         | 0.05 | 0.21 | 0.21       | ug/L  |
| 218-01-9       | Chrysene                   | 0.05  | U         | 0.05 | 0.21 | 0.21       | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.29  | U         | 0.29 | 0.41 | 0.41       | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.07  | U         | 0.07 | 0.21 | 0.21       | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.07  | U         | 0.07 | 0.21 | 0.21       | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.12  | U         | 0.12 | 0.21 | 0.21       | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.08  | U         | 0.08 | 0.21 | 0.21       | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.08  | U         | 0.08 | 0.21 | 0.21       | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.08  | U         | 0.08 | 0.21 | 0.21       | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 5.1   | D         | 0.14 | 0.41 | 0.41       | ug/L  |

## Report of Analysis

|                    |                          |                 |                       |
|--------------------|--------------------------|-----------------|-----------------------|
| Client:            |                          | Date Collected: | 9/26/2024 12:00:00 AM |
| Project:           |                          | Date Received:  | 9/26/2024 12:00:00 AM |
| Client Sample ID:  | BP-TT189D2-GW-20240926DL | SDG No.:        | BN101424              |
| Lab Sample ID:     | P4241-02DL               | 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 |
| BN034587.D        | 2         | 10/1/2024 12:00:00 AM | 10/15/2024 12:00:00 AM | PB163828      |

| 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        | 0.356 |           | 30-150 |     | 89         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.084 |           | 10-100 |     | 21         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.056 |           | 10-100 |     | 14         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.246 |           | 27-123 |     | 62         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.304 |           | 34-132 |     | 76         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.214 |           | 10-131 |     | 53         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.658 | *         | 35-157 |     | 164        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 5957  | 7.365     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 17679 | 10.127    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 11244 | 14.019    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 21118 | 16.783    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 7258  | 21.008    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 15100 | 23.101    |        |     |            |           |

## Report of Analysis

|                    |                      |                 |                       |
|--------------------|----------------------|-----------------|-----------------------|
| Client:            |                      | Date Collected: | 10/2/2024 12:00:00 AM |
| Project:           |                      | Date Received:  | 10/2/2024 12:00:00 AM |
| Client Sample ID:  | RW7-SP100-20241002DL | SDG No.:        | BN101424              |
| Lab Sample ID:     | P4282-01DL           | 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 |
| BN034588.D        | 2         | 10/4/2024 12:00:00 AM | 10/15/2024 12:00:00 AM | PB163903      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.06  | U         | 0.06 | 0.41 | 0.41       | 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                  | 0.93  | U         | 0.93 | 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 | 0.29  | U         | 0.29 | 0.41 | 0.41       | 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 | 0.41 | 0.41       | 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 | 0.29  | U         | 0.29 | 0.41 | 0.41       | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.07  | U         | 0.07 | 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       | 0.08  | U         | 0.08 | 0.2  | 0.2        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 5.3   | D         | 0.14 | 0.41 | 0.41       | ug/L  |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 10/2/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 10/2/2024 12:00:00 AM |
| Client Sample ID:  | RW7-SP100-20241002DL  | SDG No.:        | BN101424              |
| Lab Sample ID:     | P4282-01DL            | 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 |
| BN034588.D        | 2         | 10/4/2024 12:00:00 AM | 10/15/2024 12:00:00 AM | PB163903      |

| 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        | 0.412 |           | 30-150 |     | 103        | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.128 |           | 10-100 |     | 32         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.074 |           | 10-100 |     | 19         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.288 |           | 27-123 |     | 72         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.294 |           | 34-132 |     | 74         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.23  |           | 10-131 |     | 57         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.724 | *         | 35-157 |     | 181        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 5734  |           | 7.366  |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 16758 |           | 10.127 |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 10655 |           | 14.015 |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 19543 |           | 16.778 |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 7752  |           | 21.006 |     |            |           |
| 1520-96-3                 | Perylene-d12            | 14568 |           | 23.102 |     |            |           |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 10/8/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 10/8/2024 12:00:00 AM |
| Client Sample ID:  | BPOW6-11-HYD-20241008 | SDG No.:        | BN101424              |
| Lab Sample ID:     | P4365-01              | 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 |
| BN034589.D        | 1         | 10/11/2024 12:00:00 AM | 10/15/2024 12:00:00 AM | PB164072      |

| 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               | 0.02  | 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: | 10/8/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 10/8/2024 12:00:00 AM |
| Client Sample ID:  | BPOW6-11-HYD-20241008 | SDG No.:        | BN101424              |
| Lab Sample ID:     | P4365-01              | 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 |
| BN034589.D        | 1         | 10/11/2024 12:00:00 AM | 10/15/2024 12:00:00 AM | PB164072      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.038 | *         | 20-139 |     | 9          | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.407 |           | 30-150 |     | 102        | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.035 | *         | 10-100 |     | 9          | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.003 | *         | 10-100 |     | 1          | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.292 |           | 27-123 |     | 73         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.323 |           | 34-132 |     | 81         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.12  |           | 10-131 |     | 30         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.577 |           | 35-157 |     | 144        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 4778  | 7.365     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 13833 | 10.116    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 8357  | 14.019    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 15090 | 16.771    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 4165  | 21.008    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 11578 | 23.098    |        |     |            |           |

### Hit Summary Sheet SW-846

SDG No.: BN101424

Client:

| Sample ID          | Client ID                       | Parameter                   | Concentration | C | MDL         | RDL  | Units |
|--------------------|---------------------------------|-----------------------------|---------------|---|-------------|------|-------|
| <b>Client ID :</b> | <b>BP-TT189D2-GW-20240926DL</b> |                             |               |   |             |      |       |
| P4241-02DL         | BP-TT189D2-GW-20240 Water       | 1,4-Dioxane                 | 5.100         | D | 0.14        | 0.41 | ug/L  |
|                    |                                 | <b>Total Svoc :</b>         |               |   | <b>5.10</b> |      |       |
|                    |                                 | <b>Total Concentration:</b> |               |   | <b>5.10</b> |      |       |
| <b>Client ID :</b> | <b>RW7-SP100-20241002DL</b>     |                             |               |   |             |      |       |
| P4282-01DL         | RW7-SP100-20241002DI Water      | 1,4-Dioxane                 | 5.300         | D | 0.14        | 0.41 | ug/L  |
|                    |                                 | <b>Total Svoc :</b>         |               |   | <b>5.30</b> |      |       |
|                    |                                 | <b>Total Concentration:</b> |               |   | <b>5.30</b> |      |       |
| <b>Client ID :</b> | <b>RW7-SP302-20241002</b>       |                             |               |   |             |      |       |
| P4282-03           | RW7-SP302-20241002 Water        | 1,4-Dioxane                 | 0.110         | J | 0.07        | 0.21 | ug/L  |
|                    |                                 | <b>Total Svoc :</b>         |               |   | <b>0.11</b> |      |       |
|                    |                                 | <b>Total Concentration:</b> |               |   | <b>0.11</b> |      |       |
| <b>Client ID :</b> | <b>BPOW6-11-HYD-20241008</b>    |                             |               |   |             |      |       |
| P4365-01           | BPOW6-11-HYD-202410 Water       | Naphthalene                 | 0.030         | J | 0.02        | 0.1  | ug/L  |
|                    |                                 | <b>Total Svoc :</b>         |               |   | <b>0.03</b> |      |       |
|                    |                                 | <b>Total Concentration:</b> |               |   | <b>0.03</b> |      |       |
| <b>Client ID :</b> | <b>DSN002RE</b>                 |                             |               |   |             |      |       |
| P4386-03RE         | DSN002RE Water                  | 1,4-Dioxane                 | 0.560         |   | 0.07        | 0.2  | ug/L  |
|                    |                                 | <b>Total Svoc :</b>         |               |   | <b>0.56</b> |      |       |
|                    |                                 | <b>Total Concentration:</b> |               |   | <b>0.56</b> |      |       |
| <b>Client ID :</b> | <b>DSN003RE</b>                 |                             |               |   |             |      |       |
| P4386-04RE         | DSN003RE Water                  | 1,4-Dioxane                 | 0.730         |   | 0.07        | 0.2  | ug/L  |
|                    |                                 | <b>Total Svoc :</b>         |               |   | <b>0.73</b> |      |       |
|                    |                                 | <b>Total Concentration:</b> |               |   | <b>0.73</b> |      |       |
| <b>Client ID :</b> | <b>SSTDCCC0.4</b>               |                             |               |   |             |      |       |
| SSTDCCC0.4         | SSTDCCC0.4 Water                | 1,4-Dioxane                 | 410.000       |   | 68          | 200  | ug/L  |
| SSTDCCC0.4         | SSTDCCC0.4 Water                | 2-Methylnaphthalene         | 380.000       |   | 30          | 100  | ug/L  |
| SSTDCCC0.4         | SSTDCCC0.4 Water                | 4,6-Dinitro-2-methylphenol  | 330.000       |   | 140         | 200  | ug/L  |
| SSTDCCC0.4         | SSTDCCC0.4 Water                | 4-Bromophenyl-phenylether   | 380.000       |   | 26          | 100  | ug/L  |
| SSTDCCC0.4         | SSTDCCC0.4 Water                | Acenaphthene                | 380.000       |   | 20          | 100  | ug/L  |
| SSTDCCC0.4         | SSTDCCC0.4 Water                | Acenaphthylene              | 360.000       |   | 21          | 100  | ug/L  |
| SSTDCCC0.4         | SSTDCCC0.4 Water                | Anthracene                  | 390.000       |   | 24          | 100  | ug/L  |
| SSTDCCC0.4         | SSTDCCC0.4 Water                | Atrazine                    | 370.000       |   | 23          | 100  | ug/L  |
| SSTDCCC0.4         | SSTDCCC0.4 Water                | Benzo(a)pyrene              | 390.000       |   | 56          | 100  | ug/L  |
| SSTDCCC0.4         | SSTDCCC0.4 Water                | Benzo(b)fluoranthene        | 380.000       |   | 32          | 100  | ug/L  |
| SSTDCCC0.4         | SSTDCCC0.4 Water                | Benzo(g,h,i)perylene        | 410.000       |   | 37          | 100  | ug/L  |

### Hit Summary Sheet SW-846

SDG No.: BN101424

Client:

| Sample ID  | Client ID  |       | Parameter               | Concentration | C | MDL | RDL  | Units |
|------------|------------|-------|-------------------------|---------------|---|-----|------|-------|
| SSTDCCC0.4 | SSTDCCC0.4 | Water | Benzo(k)fluoranthene    | 390.000       |   | 34  | 100  | ug/L  |
| SSTDCCC0.4 | SSTDCCC0.4 | Water | bis(2-Chloroethyl)ether | 370.000       |   | 28  | 100  | ug/L  |
| SSTDCCC0.4 | SSTDCCC0.4 | Water | Chrysene                | 350.000       |   | 26  | 100  | ug/L  |
| SSTDCCC0.4 | SSTDCCC0.4 | Water | Dibenzo(a,h)anthracene  | 400.000       |   | 39  | 100  | ug/L  |
| SSTDCCC0.4 | SSTDCCC0.4 | Water | Fluoranthene            | 420.000       |   | 23  | 100  | ug/L  |
| SSTDCCC0.4 | SSTDCCC0.4 | Water | Fluorene                | 370.000       |   | 18  | 100  | ug/L  |
| SSTDCCC0.4 | SSTDCCC0.4 | Water | Hexachlorobenzene       | 420.000       |   | 29  | 100  | ug/L  |
| SSTDCCC0.4 | SSTDCCC0.4 | Water | Hexachlorobutadiene     | 400.000       |   | 26  | 100  | ug/L  |
| SSTDCCC0.4 | SSTDCCC0.4 | Water | Indeno(1,2,3-cd)pyrene  | 400.000       |   | 38  | 100  | ug/L  |
| SSTDCCC0.4 | SSTDCCC0.4 | Water | n-Nitrosodimethylamine  | 390.000       |   | 30  | 200  | ug/L  |
| SSTDCCC0.4 | SSTDCCC0.4 | Water | Naphthalene             | 390.000       |   | 24  | 100  | ug/L  |
| SSTDCCC0.4 | SSTDCCC0.4 | Water | Pentachlorophenol       | 350.000       |   | 90  | 200  | ug/L  |
| SSTDCCC0.4 | SSTDCCC0.4 | Water | Phenanthrene            | 400.000       |   | 20  | 100  | ug/L  |
| SSTDCCC0.4 | SSTDCCC0.4 | Water | Pyrene                  | 280.000       |   | 22  | 100  | ug/L  |
| SSTDCCC0.4 | SSTDCCC0.4 | Water | Total PAH               | 5,710.000     |   | 456 | 1600 | ug/L  |

**Total Svoc :**

**15,220.00**

**Total Concentration:**

**15,220.00**

**Client ID : ICVBN101424**

|            |             |       |                            |         |  |     |     |      |
|------------|-------------|-------|----------------------------|---------|--|-----|-----|------|
| SSTDICV0.4 | ICVBN101424 | Water | 1,4-Dioxane                | 410.000 |  | 68  | 200 | ug/L |
| SSTDICV0.4 | ICVBN101424 | Water | 2-Methylnaphthalene        | 400.000 |  | 30  | 100 | ug/L |
| SSTDICV0.4 | ICVBN101424 | Water | 4,6-Dinitro-2-methylphenol | 420.000 |  | 140 | 200 | ug/L |
| SSTDICV0.4 | ICVBN101424 | Water | 4-Bromophenyl-phenylether  | 390.000 |  | 26  | 100 | ug/L |
| SSTDICV0.4 | ICVBN101424 | Water | Acenaphthene               | 390.000 |  | 20  | 100 | ug/L |
| SSTDICV0.4 | ICVBN101424 | Water | Acenaphthylene             | 370.000 |  | 21  | 100 | ug/L |
| SSTDICV0.4 | ICVBN101424 | Water | Anthracene                 | 390.000 |  | 24  | 100 | ug/L |
| SSTDICV0.4 | ICVBN101424 | Water | Atrazine                   | 380.000 |  | 23  | 100 | ug/L |
| SSTDICV0.4 | ICVBN101424 | Water | Benzo(a)pyrene             | 390.000 |  | 56  | 100 | ug/L |
| SSTDICV0.4 | ICVBN101424 | Water | Benzo(b)fluoranthene       | 380.000 |  | 32  | 100 | ug/L |
| SSTDICV0.4 | ICVBN101424 | Water | Benzo(g,h,i)perylene       | 380.000 |  | 37  | 100 | ug/L |
| SSTDICV0.4 | ICVBN101424 | Water | Benzo(k)fluoranthene       | 420.000 |  | 34  | 100 | ug/L |
| SSTDICV0.4 | ICVBN101424 | Water | bis(2-Chloroethyl)ether    | 330.000 |  | 28  | 100 | ug/L |
| SSTDICV0.4 | ICVBN101424 | Water | Chrysene                   | 290.000 |  | 26  | 100 | ug/L |
| SSTDICV0.4 | ICVBN101424 | Water | Dibenzo(a,h)anthracene     | 370.000 |  | 39  | 100 | ug/L |
| SSTDICV0.4 | ICVBN101424 | Water | Fluoranthene               | 400.000 |  | 23  | 100 | ug/L |
| SSTDICV0.4 | ICVBN101424 | Water | Fluorene                   | 400.000 |  | 18  | 100 | ug/L |
| SSTDICV0.4 | ICVBN101424 | Water | Hexachlorobenzene          | 410.000 |  | 29  | 100 | ug/L |
| SSTDICV0.4 | ICVBN101424 | Water | Hexachlorobutadiene        | 400.000 |  | 26  | 100 | ug/L |
| SSTDICV0.4 | ICVBN101424 | Water | Indeno(1,2,3-cd)pyrene     | 380.000 |  | 38  | 100 | ug/L |
| SSTDICV0.4 | ICVBN101424 | Water | n-Nitrosodimethylamine     | 380.000 |  | 30  | 200 | ug/L |
| SSTDICV0.4 | ICVBN101424 | Water | Naphthalene                | 390.000 |  | 24  | 100 | ug/L |



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Fax : 908 789 8922

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

**SDG No.:** BN101424

**Client:**

| Sample ID            | Client ID   |       | Parameter         | Concentration | C | MDL       | RDL  | Units |
|----------------------|-------------|-------|-------------------|---------------|---|-----------|------|-------|
| SSTDICV0.4           | ICVBN101424 | Water | Pentachlorophenol | 280.000       |   | 90        | 200  | ug/L  |
| SSTDICV0.4           | ICVBN101424 | Water | Phenanthrene      | 400.000       |   | 20        | 100  | ug/L  |
| SSTDICV0.4           | ICVBN101424 | Water | Pyrene            | 280.000       |   | 22        | 100  | ug/L  |
| SSTDICV0.4           | ICVBN101424 | Water | Total PAH         | 5,630.000     |   | 456       | 1600 | ug/L  |
| Total Svoc :         |             |       |                   |               |   | 15,060.00 |      |       |
| Total Concentration: |             |       |                   |               |   | 15,060.00 |      |       |

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

Lab Code: CHEM Case No.: BN101424 SAS No.: BN101424 SDG No.: BN101424

Instrument ID: \_\_\_\_\_ Calibration Date(s): 10/14/2024

Calibration Time(s): 12:35

|                            |                     |        |        |                     |        |                     |       |       |
|----------------------------|---------------------|--------|--------|---------------------|--------|---------------------|-------|-------|
| LAB FILE ID:               | RRF0.1 = BN034567.D |        |        | RRF0.2 = BN034568.D |        | RRF0.4 = BN034569.D |       |       |
|                            | RRF0.8 = BN034570.D |        |        | RRF1.6 = BN034571.D |        | RRF3.2 = BN034572.D |       |       |
| COMPOUND                   | RRF0.1              | RRF0.2 | RRF0.4 | RRF0.8              | RRF1.6 | RRF3.2              | RRF   | % RSD |
| 2-Methylnaphthalene-d10    | 0.553               | 0.550  | 0.593  | 0.645               | 0.642  | 0.592               | 0.600 | 6.5   |
| Fluoranthene-d10           | 1.009               | 0.958  | 0.928  | 0.968               | 1.013  | 0.926               | 0.973 | 3.9   |
| n-Nitrosodimethylamine     | 0.439               | 0.422  | 0.426  | 0.473               | 0.460  | 0.431               | 0.439 | 4.5   |
| 2-Fluorophenol             | 1.128               | 1.085  | 1.057  | 1.134               | 1.102  | 1.045               | 1.084 | 3.6   |
| Phenol-d6                  | 0.829               | 0.896  | 1.061  | 1.220               | 1.283  | 1.262               | 1.124 | 17.5  |
| bis(2-Chloroethyl)ether    | 0.782               | 0.783  | 0.889  | 1.016               | 0.997  | 0.975               | 0.919 | 11.1  |
| Nitrobenzene-d5            | 0.219               | 0.208  | 0.244  | 0.282               | 0.290  | 0.287               | 0.261 | 14.1  |
| Naphthalene                | 1.043               | 1.018  | 1.042  | 1.109               | 1.079  | 1.011               | 1.046 | 3.4   |
| Hexachlorobutadiene        | 0.246               | 0.232  | 0.229  | 0.239               | 0.230  | 0.211               | 0.228 | 5.7   |
| 2-Methylnaphthalene        | 0.612               | 0.604  | 0.669  | 0.727               | 0.728  | 0.676               | 0.674 | 7.5   |
| 2-Fluorobiphenyl           | 1.432               | 1.331  | 1.332  | 1.473               | 1.414  | 1.347               | 1.379 | 4.3   |
| Acenaphthylene             | 1.428               | 1.430  | 1.497  | 1.731               | 1.766  | 1.730               | 1.626 | 10.3  |
| Acenaphthene               | 1.096               | 1.090  | 1.118  | 1.238               | 1.207  | 1.146               | 1.151 | 4.9   |
| Fluorene                   | 1.336               | 1.321  | 1.423  | 1.613               | 1.600  | 1.480               | 1.472 | 8.0   |
| 4,6-Dinitro-2-methylphenol |                     | 0.005  | 0.005  | 0.006               | 0.006  | 0.006               | 0.005 | 4.7   |
| 2,4,6-Tribromophenol       | 0.129               | 0.121  | 0.141  | 0.185               | 0.205  | 0.210               | 0.177 | 27.3  |
| 4-Bromophenyl-phenylether  | 0.187               | 0.200  | 0.222  | 0.227               | 0.231  | 0.225               | 0.217 | 7.7   |
| Hexachlorobenzene          | 0.294               | 0.296  | 0.307  | 0.300               | 0.296  | 0.278               | 0.293 | 3.4   |
| Atrazine                   | 0.154               | 0.141  | 0.168  | 0.183               | 0.192  | 0.180               | 0.173 | 11.2  |
| Pentachlorophenol          | 0.067               | 0.054  | 0.065  | 0.079               | 0.092  | 0.105               | 0.084 | 30.1  |
| Phenanthrene               | 0.961               | 1.001  | 1.073  | 1.102               | 1.112  | 1.058               | 1.055 | 5.2   |
| Anthracene                 | 0.811               | 0.782  | 0.889  | 0.945               | 1.000  | 0.967               | 0.916 | 10.0  |
| Fluoranthene               | 1.224               | 1.164  | 1.149  | 1.207               | 1.269  | 1.164               | 1.202 | 3.7   |
| Pyrene                     | 2.190               | 1.986  | 3.029  | 3.435               | 4.973  | 5.232               | 3.925 | 44.1  |
| Terphenyl-d14              |                     | 0.981  | 1.537  | 1.796               | 2.650  | 2.785               | 1.950 | 39.1  |
| Benzo (a) anthracene       |                     |        |        |                     |        |                     | 0.000 | 0.0   |
| Chrysene                   | 2.859               | 2.479  | 2.924  | 3.061               | 4.105  | 4.380               | 3.584 | 28.4  |
| Bis(2-ethylhexyl)phthalate |                     |        |        |                     |        |                     | 0.000 | 0.0   |
| Benzo (b) fluoranthene     | 1.149               | 1.132  | 1.251  | 1.433               | 1.488  | 1.395               | 1.337 | 11.9  |
| Benzo (k) fluoranthene     | 1.357               | 1.459  | 1.544  | 1.625               | 1.646  | 1.465               | 1.523 | 6.7   |
| Benzo (a) pyrene           | 1.075               | 1.085  | 1.129  | 1.206               | 1.220  | 1.170               | 1.161 | 5.7   |
| Indeno (1,2,3-cd) pyrene   | 1.455               | 1.401  | 1.569  | 1.674               | 1.590  | 1.629               | 1.554 | 6.1   |
| Dibenzo (a,h) anthracene   | 1.064               | 1.042  | 1.192  | 1.285               | 1.231  | 1.280               | 1.189 | 8.3   |
| Benzo (g,h,i) perylene     | 1.365               | 1.363  | 1.464  | 1.532               | 1.430  | 1.437               | 1.421 | 4.5   |
| 1,4-Dioxane                |                     | 0.621  | 0.504  | 0.486               | 0.454  | 0.426               | 0.482 | 16.0  |

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.: BN101424 SAS No.: BN101424 SDG NO.: BN101424

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BN034569.D Time Analyzed: 11:55

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                 | 5134                | 7.365 | 14650               | 10.12  | 8804                | 14.02  |
| UPPER LIMIT                 | 10268               | 7.865 | 29300               | 10.616 | 17608               | 14.519 |
| LOWER LIMIT                 | 2567                | 6.865 | 7325                | 9.616  | 4402                | 13.519 |
| EPA SAMPLE NO.              |                     |       |                     |        |                     |        |
| 01 SSTDICCC0.4              | 3643                | 7.37  | 10140               | 10.12  | 5771                | 14.02  |
| 02 ICVBN101424              | 4606                | 7.37  | 14096               | 10.12  | 8828                | 14.02  |
| 03 PB163828BL               | 243007 *            | 7.36  | 709588 *            | 10.12  | 440763 *            | 14.01  |
| 04 DSN002RE                 | 7357                | 7.37  | 23812               | 10.12  | 15275               | 14.01  |
| 05 DSN003RE                 | 6375                | 7.37  | 21023               | 10.12  | 13591               | 14.02  |
| 06 PB163828BL               | 4658                | 7.37  | 12530               | 10.14  | 7178                | 14.02  |
| 07 PB164072BL               | 4203                | 7.37  | 12062               | 10.14  | 6920                | 14.02  |
| 08 PB164072BS               | 4830                | 7.37  | 13753               | 10.12  | 7271                | 14.01  |
| 09 PB164072BSD              | 5203                | 7.37  | 14775               | 10.12  | 7913                | 14.01  |
| 10 BPOW6-11-HYD-20241001RE  | 4163                | 7.37  | 11428               | 10.13  | 6745                | 14.02  |
| 11 RW7-SP302-20241002       | 3755                | 7.37  | 10712               | 10.14  | 6300                | 14.02  |
| 12 BP-TT189D2-GW-20240926DL | 5957                | 7.37  | 17679               | 10.13  | 11244               | 14.02  |
| 13 RW7-SP100-20241002DL     | 5734                | 7.37  | 16758               | 10.13  | 10655               | 14.02  |
| 14 BPOW6-11-HYD-20241008    | 4778                | 7.37  | 13833               | 10.12  | 8357                | 14.02  |

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.: BN101424 SAS No.: BN101424 SDG NO.: BN101424

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BN034569.D Time Analyzed: 16:49

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    | 5134                | 7.365 | 14650               | 10.12  | 8804                | 14.02  |
| UPPER LIMIT    | 10268               | 7.865 | 29300               | 10.616 | 17608               | 14.519 |
| LOWER LIMIT    | 2567                | 6.865 | 7325                | 9.616  | 4402                | 13.519 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 ICVBN101424 | 4606                | 7.37  | 14096               | 10.12  | 8828                | 14.02  |
| 02 PB163828BL  | 243007 *            | 7.36  | 709588 *            | 10.12  | 440763 *            | 14.01  |
| 03 DSN002RE    | 7357                | 7.37  | 23812               | 10.12  | 15275               | 14.01  |
| 04 DSN003RE    | 6375                | 7.37  | 21023               | 10.12  | 13591               | 14.02  |

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.: BN101424 SAS No.: BN101424 SDG NO.: BN101424

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BN034580.D Time Analyzed: 21:06

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                 | 4453                | 7.366 | 13607               | 10.12  | 8552                | 14.02  |
| UPPER LIMIT                 | 8906                | 7.866 | 27214               | 10.616 | 17104               | 14.515 |
| LOWER LIMIT                 | 2226.5              | 6.866 | 6803.5              | 9.616  | 4276                | 13.515 |
| EPA SAMPLE NO.              |                     |       |                     |        |                     |        |
| 01 PB163828BL               | 4658                | 7.37  | 12530               | 10.14  | 7178                | 14.02  |
| 02 PB164072BL               | 4203                | 7.37  | 12062               | 10.14  | 6920                | 14.02  |
| 03 PB164072BS               | 4830                | 7.37  | 13753               | 10.12  | 7271                | 14.01  |
| 04 PB164072BSD              | 5203                | 7.37  | 14775               | 10.12  | 7913                | 14.01  |
| 05 BPOW6-11-HYD-20241001RE  | 4163                | 7.37  | 11428               | 10.13  | 6745                | 14.02  |
| 06 RW7-SP302-20241002       | 3755                | 7.37  | 10712               | 10.14  | 6300                | 14.02  |
| 07 BP-TT189D2-GW-20240926DL | 5957                | 7.37  | 17679               | 10.13  | 11244               | 14.02  |
| 08 RW7-SP100-20241002DL     | 5734                | 7.37  | 16758               | 10.13  | 10655               | 14.02  |
| 09 BPOW6-11-HYD-20241008    | 4778                | 7.37  | 13833               | 10.12  | 8357                | 14.02  |

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.: BN101424 SAS No.: BN101424 SDG NO.: BN101424

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BN034569.D Time Analyzed: 11:55

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                 | 16654               | 16.783 | 6317                | 21.008 | 10615               | 23.11 |
| UPPER LIMIT                 | 33308               | 17.283 | 12634               | 21.508 | 21230               | 23.61 |
| LOWER LIMIT                 | 8327                | 16.283 | 3158.5              | 20.508 | 5307.5              | 22.61 |
| EPA SAMPLE NO.              |                     |        |                     |        |                     |       |
| 01 SSTDICCC0.4              | 10982               | 16.78  | 5201                | 21.01  | 10155               | 23.10 |
| 02 ICVBN101424              | 18205               | 16.78  | 7980                | 21.01  | 10560               | 23.11 |
| 03 PB163828BL               | 901981 *            | 16.77  | 123868 *            | 21.01  | 610689 *            | 23.10 |
| 04 DSN002RE                 | 30544               | 16.77  | 4425                | 21.01  | 17801               | 23.10 |
| 05 DSN003RE                 | 25704               | 16.77  | 5336                | 21.01  | 15705               | 23.10 |
| 06 PB163828BL               | 11795               | 16.78  | 5557                | 21.01  | 11603               | 23.10 |
| 07 PB164072BL               | 11173               | 16.80  | 6395                | 21.01  | 8429                | 23.11 |
| 08 PB164072BS               | 12370               | 16.78  | 4342                | 21.01  | 8592                | 23.10 |
| 09 PB164072BSD              | 13541               | 16.77  | 5062                | 21.01  | 9196                | 23.10 |
| 10 BPOW6-11-HYD-20241001RE  | 11809               | 16.78  | 4859                | 21.01  | 7116                | 23.11 |
| 11 RW7-SP302-20241002       | 10749               | 16.78  | 5448                | 21.01  | 8672                | 23.10 |
| 12 BP-TT189D2-GW-20240926DL | 21118               | 16.78  | 7258                | 21.01  | 15100               | 23.10 |
| 13 RW7-SP100-20241002DL     | 19543               | 16.78  | 7752                | 21.01  | 14568               | 23.10 |
| 14 BPOW6-11-HYD-20241008    | 15090               | 16.77  | 4165                | 21.01  | 11578               | 23.10 |

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.: BN101424 SAS No.: BN101424 SDG NO.: BN101424

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BN034569.D Time Analyzed: 16:49

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    | 16654               | 16.783 | 6317                | 21.008 | 10615               | 23.11 |
| UPPER LIMIT    | 33308               | 17.283 | 12634               | 21.508 | 21230               | 23.61 |
| LOWER LIMIT    | 8327                | 16.283 | 3158.5              | 20.508 | 5307.5              | 22.61 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |       |
| 01 ICVBN101424 | 18205               | 16.78  | 7980                | 21.01  | 10560               | 23.11 |
| 02 PB163828BL  | 901981 *            | 16.77  | 123868 *            | 21.01  | 610689 *            | 23.10 |
| 03 DSN002RE    | 30544               | 16.77  | 4425                | 21.01  | 17801               | 23.10 |
| 04 DSN003RE    | 25704               | 16.77  | 5336                | 21.01  | 15705               | 23.10 |

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.: BN101424 SAS No.: BN101424 SDG NO.: BN101424

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BN034580.D Time Analyzed: 21:06

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                 | 17321               | 16.778 | 5859                | 21.00€ | 10770               | 23.102 |
| UPPER LIMIT                 | 34642               | 17.278 | 11718               | 21.50€ | 21540               | 23.602 |
| LOWER LIMIT                 | 8660.5              | 16.278 | 2929.5              | 20.50€ | 5385                | 22.602 |
| EPA SAMPLE NO.              |                     |        |                     |        |                     |        |
| 01 PB163828BL               | 11795               | 16.78  | 5557                | 21.01  | 11603               | 23.10  |
| 02 PB164072BL               | 11173               | 16.80  | 6395                | 21.01  | 8429                | 23.11  |
| 03 PB164072BS               | 12370               | 16.78  | 4342                | 21.01  | 8592                | 23.10  |
| 04 PB164072BSD              | 13541               | 16.77  | 5062                | 21.01  | 9196                | 23.10  |
| 05 BPOW6-11-HYD-20241001RE  | 11809               | 16.78  | 4859                | 21.01  | 7116                | 23.11  |
| 06 RW7-SP302-20241002       | 10749               | 16.78  | 5448                | 21.01  | 8672                | 23.10  |
| 07 BP-TT189D2-GW-20240926DL | 21118               | 16.78  | 7258                | 21.01  | 15100               | 23.10  |
| 08 RW7-SP100-20241002DL     | 19543               | 16.78  | 7752                | 21.01  | 14568               | 23.10  |
| 09 BPOW6-11-HYD-20241008    | 15090               | 16.77  | 4165                | 21.01  | 11578               | 23.10  |

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.: BN101424

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

Analytical Method: **8270-Modified**

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | RPD  |      | Limits |      | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |      |     |     | Qual | Qual | Low    | High |     |
| PB164072BS    | n-Nitrosodimethylamine     | 0.4   | 0.45   | ug/L | 113 |     |      |      | 33     | 130  |     |
|               | bis(2-Chloroethyl)ether    | 0.4   | 0.4    | ug/L | 100 |     |      |      | 55     | 118  |     |
|               | Naphthalene                | 0.4   | 0.43   | ug/L | 108 |     |      |      | 67     | 120  |     |
|               | Hexachlorobutadiene        | 0.4   | 0.41   | ug/L | 103 |     |      |      | 33     | 114  |     |
|               | 2-Methylnaphthalene        | 0.4   | 0.42   | ug/L | 105 |     |      |      | 50     | 122  |     |
|               | Acenaphthylene             | 0.4   | 0.41   | ug/L | 103 |     |      |      | 60     | 119  |     |
|               | Acenaphthene               | 0.4   | 0.42   | ug/L | 105 |     |      |      | 65     | 119  |     |
|               | Total PAH                  | 6.4   | 6.52   | ug/L | 102 |     |      |      | 65     | 119  |     |
|               | Fluorene                   | 0.4   | 0.39   | ug/L | 98  |     |      |      | 58     | 122  |     |
|               | 4,6-Dinitro-2-methylphenol | 0.4   | 0.35   | ug/L | 88  |     |      |      | 20     | 150  |     |
|               | 4-Bromophenyl-phenylether  | 0.4   | 0.43   | ug/L | 108 |     |      |      | 20     | 150  |     |
|               | Hexachlorobenzene          | 0.4   | 0.45   | ug/L | 113 |     |      |      | 62     | 127  |     |
|               | Atrazine                   | 0.4   | 0.4    | ug/L | 100 |     |      |      | 20     | 150  |     |
|               | Pentachlorophenol          | 0.8   | 0.7    | ug/L | 88  |     |      |      | 10     | 137  |     |
|               | Phenanthrene               | 0.4   | 0.44   | ug/L | 110 |     |      |      | 65     | 117  |     |
|               | Anthracene                 | 0.4   | 0.43   | ug/L | 108 |     |      |      | 57     | 118  |     |
|               | Fluoranthene               | 0.4   | 0.39   | ug/L | 98  |     |      |      | 53     | 126  |     |
|               | Pyrene                     | 0.4   | 0.34   | ug/L | 85  |     |      |      | 54     | 124  |     |
|               | Benzo(a)anthracene         | 0.4   |        | ug/L | 0   |     | *    |      | 54     | 130  |     |
|               | Chrysene                   | 0.4   | 0.39   | ug/L | 98  |     |      |      | 64     | 126  |     |
|               | bis(2-Ethylhexyl)phthalate | 0.4   |        | ug/L | 0   |     | *    |      | 40     | 137  |     |
|               | Benzo(b)fluoranthene       | 0.4   | 0.42   | ug/L | 105 |     |      |      | 65     | 121  |     |
|               | Benzo(k)fluoranthene       | 0.4   | 0.45   | ug/L | 113 |     |      |      | 72     | 119  |     |
|               | Benzo(a)pyrene             | 0.4   | 0.47   | ug/L | 117 |     |      |      | 68     | 120  |     |
|               | Indeno(1,2,3-cd)pyrene     | 0.4   | 0.52   | ug/L | 130 |     | *    |      | 70     | 127  |     |
|               | Dibenz(a,h)anthracene      | 0.4   | 0.52   | ug/L | 130 |     | *    |      | 65     | 121  |     |
|               | Benzo(g,h,i)perylene       | 0.4   | 0.5    | ug/L | 125 |     | *    |      | 76     | 117  |     |
|               | 1,4-Dioxane                | 0.4   | 0.33   | ug/L | 83  |     |      |      | 42     | 127  |     |
| PB164072BSD   | n-Nitrosodimethylamine     | 0.4   | 0.46   | ug/L | 115 | 2   |      |      | 33     | 130  | 20  |
|               | bis(2-Chloroethyl)ether    | 0.4   | 0.4    | ug/L | 100 | 0   |      |      | 55     | 118  | 20  |
|               | Naphthalene                | 0.4   | 0.42   | ug/L | 105 | 2   |      |      | 67     | 120  | 20  |
|               | Hexachlorobutadiene        | 0.4   | 0.4    | ug/L | 100 | 2   |      |      | 33     | 114  | 20  |
|               | 2-Methylnaphthalene        | 0.4   | 0.41   | ug/L | 103 | 2   |      |      | 50     | 122  | 20  |
|               | Acenaphthylene             | 0.4   | 0.41   | ug/L | 103 | 0   |      |      | 60     | 119  | 20  |
|               | Acenaphthene               | 0.4   | 0.41   | ug/L | 103 | 2   |      |      | 65     | 119  | 20  |
|               | Total PAH                  | 6.4   | 6.36   | ug/L | 99  | 2   |      |      | 65     | 119  | 20  |
|               | Fluorene                   | 0.4   | 0.38   | ug/L | 95  | 3   |      |      | 58     | 122  | 20  |
|               | 4,6-Dinitro-2-methylphenol | 0.4   | 0.39   | ug/L | 98  | 11  |      |      | 20     | 150  | 20  |
|               | 4-Bromophenyl-phenylether  | 0.4   | 0.41   | ug/L | 103 | 5   |      |      | 20     | 150  | 20  |
|               | Hexachlorobenzene          | 0.4   | 0.45   | ug/L | 113 | 0   |      |      | 62     | 127  | 20  |
|               | Atrazine                   | 0.4   | 0.39   | ug/L | 98  | 3   |      |      | 20     | 150  | 20  |
|               | Pentachlorophenol          | 0.8   | 0.67   | ug/L | 84  | 4   |      |      | 10     | 137  | 20  |
|               | Phenanthrene               | 0.4   | 0.43   | ug/L | 108 | 2   |      |      | 65     | 117  | 20  |
|               | Anthracene                 | 0.4   | 0.41   | ug/L | 103 | 5   |      |      | 57     | 118  | 20  |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN101424

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

Analytical Method: **8270-Modified**

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      |     |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |      |     |     |      | Qual | Low    | High | RPD |
| PB164072BSD   | Fluoranthene               | 0.4   | 0.37   | ug/L | 93  | 5   |      |      | 53     | 126  | 20  |
|               | Pyrene                     | 0.4   | 0.31   | ug/L | 78  | 9   |      |      | 54     | 124  | 20  |
|               | Benzo(a)anthracene         | 0.4   |        | ug/L | 0   | 0   | *    |      | 54     | 130  | 20  |
|               | Chrysene                   | 0.4   | 0.36   | ug/L | 90  | 8   |      |      | 64     | 126  | 20  |
|               | bis(2-Ethylhexyl)phthalate | 0.4   |        | ug/L | 0   | 0   | *    |      | 40     | 137  | 20  |
|               | Benzo(b)fluoranthene       | 0.4   | 0.42   | ug/L | 105 | 0   |      |      | 65     | 121  | 20  |
|               | Benzo(k)fluoranthene       | 0.4   | 0.43   | ug/L | 108 | 5   |      |      | 72     | 119  | 20  |
|               | Benzo(a)pyrene             | 0.4   | 0.47   | ug/L | 117 | 0   |      |      | 68     | 120  | 20  |
|               | Indeno(1,2,3-cd)pyrene     | 0.4   | 0.53   | ug/L | 133 | 2   | *    |      | 70     | 127  | 20  |
|               | Dibenz(a,h)anthracene      | 0.4   | 0.52   | ug/L | 130 | 0   | *    |      | 65     | 121  | 20  |
|               | Benzo(g,h,i)perylene       | 0.4   | 0.49   | ug/L | 123 | 2   | *    |      | 76     | 117  | 20  |
|               | 1,4-Dioxane                | 0.4   | 0.31   | ug/L | 78  | 6   |      |      | 42     | 127  | 20  |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SSTDCCC0.4

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN101424

SAS No.: BN101424 SDG NO.: BN101424

Lab File ID: BN034566.D

Lab Sample ID: SSTDCCC0.4

Instrument ID: BNA\_N

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

Matrix: (soil/water) Water

Date Analyzed: 10/14/2024

Level: (low/med) LOW

Time Analyzed: 11:55

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 |
|-------------------|------------------|----------------|------------------|
| SSTDCCC0.4        | SSTDCCC0.4       | BN034566.D     | 10/14/2024       |
| ICVBN101424       | SSTDICV0.4       | BN034574.D     | 10/14/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163828BL

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN101424

SAS No.: BN101424 SDG NO.: BN101424

Lab File ID: BN034575.D

Lab Sample ID: PB163828BL

Instrument ID: BNA\_N

Date Extracted: 10/01/2024

Matrix: (soil/water) Water

Date Analyzed: 10/14/2024

Level: (low/med) LOW

Time Analyzed: 17:26

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.

RW7-SP302-20241002

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN101424

SAS No.: BN101424 SDG NO.: BN101424

Lab File ID: BN034586.D

Lab Sample ID: P4282-03

Instrument ID: BNA\_N

Date Extracted: 10/04/2024

Matrix: (soil/water) Water

Date Analyzed: 10/15/2024

Level: (low/med) LOW

Time Analyzed: 00:07

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

| EPA<br>SAMPLE NO.  | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|--------------------|------------------|----------------|------------------|
| RW7-SP302-20241002 | P4282-03         | BN034586.D     | 10/15/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164072BL

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN101424

SAS No.: BN101424 SDG NO.: BN101424

Lab File ID: BN034582.D

Lab Sample ID: PB164072BL

Instrument ID: BNA\_N

Date Extracted: 10/11/2024

Matrix: (soil/water) Water

Date Analyzed: 10/14/2024

Level: (low/med) LOW

Time Analyzed: 21:42

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 |
|-----------------------|------------------|----------------|------------------|
| PB164072BS            | PB164072BS       | BN034583.D     | 10/14/2024       |
| PB164072BSD           | PB164072BSD      | BN034584.D     | 10/14/2024       |
| BPOW6-11-HYD-20241008 | P4365-01         | BN034589.D     | 10/15/2024       |

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

## Surrogate Summary

SW-846

SDG No.: **BN101424**

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

Analytical Method: **8270-Modified**

| Lab Sample ID | Client ID   | Datafile   | Parameter               | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-------------|------------|-------------------------|----------------|-----------------|--------------|------|------------|------|
|               |             |            |                         |                |                 |              |      | Low        | High |
| SSTDCCC0.4    | SSTDCCC0.4  | BN034566.D | 2-Methylnaphthalene-d10 | 0.4            | 379.00          | 94750        | *    | 20         | 139  |
|               |             |            | Fluoranthene-d10        | 0.4            | 427.00          | 106750       | *    | 30         | 150  |
|               |             |            | 2-Fluorophenol          | 0.4            | 389.00          | 97250        | *    | 10         | 100  |
|               |             |            | Phenol-d6               | 0.4            | 367.00          | 91750        | *    | 10         | 100  |
|               |             |            | Nitrobenzene-d5         | 0.4            | 368.00          | 92000        | *    | 27         | 123  |
|               |             |            | 2-Fluorobiphenyl        | 0.4            | 382.00          | 95500        | *    | 34         | 132  |
|               |             |            | 2,4,6-Tribromophenol    | 0.4            | 315.00          | 78750        | *    | 10         | 131  |
|               |             |            | Terphenyl-d14           | 0.4            | 392.00          | 98000        | *    | 35         | 157  |
| SSTDICV0.4    | ICVBN101424 | BN034574.D | 2-Methylnaphthalene-d10 | 0.4            | 398.00          | 99500        | *    | 20         | 139  |
|               |             |            | Fluoranthene-d10        | 0.4            | 398.00          | 99500        | *    | 30         | 150  |
|               |             |            | 2-Fluorophenol          | 0.4            | 379.00          | 94750        | *    | 10         | 100  |
|               |             |            | Phenol-d6               | 0.4            | 365.00          | 91250        | *    | 10         | 100  |
|               |             |            | Nitrobenzene-d5         | 0.4            | 356.00          | 89000        | *    | 27         | 123  |
|               |             |            | 2-Fluorobiphenyl        | 0.4            | 377.00          | 94250        | *    | 34         | 132  |
|               |             |            | 2,4,6-Tribromophenol    | 0.4            | 338.00          | 84500        | *    | 10         | 131  |
|               |             |            | Terphenyl-d14           | 0.4            | 391.00          | 97750        | *    | 35         | 157  |

## Surrogate Summary

SW-846

SDG No.: BN101424

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

Analytical Method: 8270-Modified

| Lab Sample ID | Client ID                | Datafile   | Parameter               | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|--------------------------|------------|-------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                          |            |                         |                |                 |              |      | Low        | High |
| P4241-02DL    | BP-TT189D2-GW-BN034587.D |            | 2-Methylnaphthalene-d10 | 0.4            | 0.29            | 72           |      | 20         | 139  |
|               |                          |            | Fluoranthene-d10        | 0.4            | 0.36            | 89           |      | 30         | 150  |
|               |                          |            | 2-Fluorophenol          | 0.4            | 0.08            | 21           |      | 10         | 100  |
|               |                          |            | Phenol-d6               | 0.4            | 0.06            | 14           |      | 10         | 100  |
|               |                          |            | Nitrobenzene-d5         | 0.4            | 0.25            | 62           |      | 27         | 123  |
|               |                          |            | 2-Fluorobiphenyl        | 0.4            | 0.30            | 76           |      | 34         | 132  |
|               |                          |            | 2,4,6-Tribromophenol    | 0.4            | 0.21            | 53           |      | 10         | 131  |
|               |                          |            | Terphenyl-d14           | 0.4            | 0.66            | 164          | *    | 35         | 157  |
| PB163828BL    | PB163828BL               | BN034575.D | 2-Methylnaphthalene-d10 | 0.4            | 0.01            | 2            | *    | 20         | 139  |
|               |                          | BN034581.D | 2-Methylnaphthalene-d10 | 0.4            | 0.35            | 87           |      | 20         | 139  |
|               |                          | BN034575.D | Fluoranthene-d10        | 0.4            | 0.40            | 99           |      | 30         | 150  |
|               |                          |            | Fluoranthene-d10        | 0.4            | 0.01            | 2            | *    | 30         | 150  |
|               |                          | BN034581.D | 2-Fluorophenol          | 0.4            | 0.01            | 1            | *    | 10         | 100  |
|               |                          |            | 2-Fluorophenol          | 0.4            | 0.35            | 88           |      | 10         | 100  |
|               |                          | BN034575.D | Phenol-d6               | 0.4            | 0.27            | 68           |      | 10         | 100  |
|               |                          |            | Phenol-d6               | 0.4            | 0.01            | 1            | *    | 10         | 100  |
|               |                          | BN034581.D | Nitrobenzene-d5         | 0.4            | 0.01            | 2            | *    | 27         | 123  |
|               |                          |            | Nitrobenzene-d5         | 0.4            | 0.31            | 79           |      | 27         | 123  |
|               |                          | BN034575.D | 2-Fluorobiphenyl        | 0.4            | 0.37            | 93           |      | 34         | 132  |
|               |                          |            | 2-Fluorobiphenyl        | 0.4            | 0.01            | 2            | *    | 34         | 132  |
|               |                          | BN034581.D | 2,4,6-Tribromophenol    | 0.4            | 0.00            | 1            | *    | 10         | 131  |
|               |                          |            | 2,4,6-Tribromophenol    | 0.4            | 0.13            | 34           |      | 10         | 131  |
|               |                          | BN034575.D | Terphenyl-d14           | 0.4            | 0.21            | 53           |      | 35         | 157  |
|               |                          | BN034581.D | Terphenyl-d14           | 0.4            | 0.39            | 98           |      | 35         | 157  |

## Surrogate Summary

SW-846

SDG No.: BN101424

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

Analytical Method: **8270-Modified**

| Lab Sample ID | Client ID                | Datafile | Parameter               | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|--------------------------|----------|-------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                          |          |                         |                |                 |              |      | Low        | High |
| P4267-01RE    | BPOW6-11-HYD-2BN034585.D |          | 2-Methylnaphthalene-d10 | 0.4            | 0.07            | 17           | *    | 20         | 139  |
|               |                          |          | Fluoranthene-d10        | 0.4            | 0.40            | 101          |      | 30         | 150  |
|               |                          |          | 2-Fluorophenol          | 0.4            | 0.12            | 30           |      | 10         | 100  |
|               |                          |          | Phenol-d6               | 0.4            | 0.00            | 0            | *    | 10         | 100  |
|               |                          |          | Nitrobenzene-d5         | 0.4            | 0.34            | 85           |      | 27         | 123  |
|               |                          |          | 2-Fluorobiphenyl        | 0.4            | 0.36            | 91           |      | 34         | 132  |
|               |                          |          | 2,4,6-Tribromophenol    | 0.4            | 0.25            | 62           |      | 10         | 131  |
|               |                          |          | Terphenyl-d14           | 0.4            | 0.47            | 118          |      | 35         | 157  |

## Surrogate Summary

SW-846

SDG No.: BN101424

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

Analytical Method: **8270-Modified**

| Lab Sample ID | Client ID                  | Datafile | Parameter               | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|----------------------------|----------|-------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                            |          |                         |                |                 |              |      | Low        | High |
| P4282-01DL    | RW7-SP100-20241(BN034588.D |          | 2-Methylnaphthalene-d10 | 0.4            | 0.30            | 75           |      | 20         | 139  |
|               |                            |          | Fluoranthene-d10        | 0.4            | 0.41            | 103          |      | 30         | 150  |
|               |                            |          | 2-Fluorophenol          | 0.4            | 0.13            | 32           |      | 10         | 100  |
|               |                            |          | Phenol-d6               | 0.4            | 0.07            | 19           |      | 10         | 100  |
|               |                            |          | Nitrobenzene-d5         | 0.4            | 0.29            | 72           |      | 27         | 123  |
|               |                            |          | 2-Fluorobiphenyl        | 0.4            | 0.29            | 74           |      | 34         | 132  |
|               |                            |          | 2,4,6-Tribromophenol    | 0.4            | 0.23            | 57           |      | 10         | 131  |
|               |                            |          | Terphenyl-d14           | 0.4            | 0.72            | 181          | *    | 35         | 157  |
| P4282-03      | RW7-SP302-20241(BN034586.D |          | 2-Methylnaphthalene-d10 | 0.4            | 0.37            | 91           |      | 20         | 139  |
|               |                            |          | Fluoranthene-d10        | 0.4            | 0.46            | 114          |      | 30         | 150  |
|               |                            |          | 2-Fluorophenol          | 0.4            | 0.11            | 26           |      | 10         | 100  |
|               |                            |          | Phenol-d6               | 0.4            | 0.06            | 16           |      | 10         | 100  |
|               |                            |          | Nitrobenzene-d5         | 0.4            | 0.36            | 89           |      | 27         | 123  |
|               |                            |          | 2-Fluorobiphenyl        | 0.4            | 0.37            | 91           |      | 34         | 132  |
|               |                            |          | 2,4,6-Tribromophenol    | 0.4            | 0.07            | 17           |      | 10         | 131  |
|               |                            |          | Terphenyl-d14           | 0.4            | 0.43            | 108          |      | 35         | 157  |

## Surrogate Summary

SW-846

SDG No.: **BN101424**

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

Analytical Method: **8270-Modified**

| Lab Sample ID | Client ID                | Datafile   | Parameter               | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|--------------------------|------------|-------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                          |            |                         |                |                 |              |      | Low        | High |
| P4365-01      | BPOW6-11-HYD-2BN034589.D |            | 2-Methylnaphthalene-d10 | 0.4            | 0.04            | 9            | *    | 20         | 139  |
|               |                          |            | Fluoranthene-d10        | 0.4            | 0.41            | 102          |      | 30         | 150  |
|               |                          |            | 2-Fluorophenol          | 0.4            | 0.04            | 9            | *    | 10         | 100  |
|               |                          |            | Phenol-d6               | 0.4            | 0.00            | 1            | *    | 10         | 100  |
|               |                          |            | Nitrobenzene-d5         | 0.4            | 0.29            | 73           |      | 27         | 123  |
|               |                          |            | 2-Fluorobiphenyl        | 0.4            | 0.32            | 81           |      | 34         | 132  |
|               |                          |            | 2,4,6-Tribromophenol    | 0.4            | 0.12            | 30           |      | 10         | 131  |
|               |                          |            | Terphenyl-d14           | 0.4            | 0.58            | 144          |      | 35         | 157  |
| P4386-03RE    | DSN002RE                 | BN034576.D | 2-Methylnaphthalene-d10 | 0.4            | 0.40            | 101          |      | 20         | 139  |
|               |                          |            | Fluoranthene-d10        | 0.4            | 0.44            | 109          |      | 30         | 150  |
|               |                          |            | 2-Fluorophenol          | 0.4            | 0.24            | 60           |      | 10         | 100  |
|               |                          |            | Phenol-d6               | 0.4            | 0.19            | 48           |      | 10         | 100  |
|               |                          |            | Nitrobenzene-d5         | 0.4            | 0.37            | 94           |      | 27         | 123  |
|               |                          |            | 2-Fluorobiphenyl        | 0.4            | 0.36            | 90           |      | 34         | 132  |
|               |                          |            | 2,4,6-Tribromophenol    | 0.4            | 0.45            | 113          |      | 10         | 131  |
|               |                          |            | Terphenyl-d14           | 0.4            | 0.89            | 222          | *    | 35         | 157  |
| P4386-04RE    | DSN003RE                 | BN034577.D | 2-Methylnaphthalene-d10 | 0.4            | 0.44            | 109          |      | 20         | 139  |
|               |                          |            | Fluoranthene-d10        | 0.4            | 0.45            | 113          |      | 30         | 150  |
|               |                          |            | 2-Fluorophenol          | 0.4            | 0.27            | 67           |      | 10         | 100  |
|               |                          |            | Phenol-d6               | 0.4            | 0.20            | 49           |      | 10         | 100  |
|               |                          |            | Nitrobenzene-d5         | 0.4            | 0.41            | 101          |      | 27         | 123  |
|               |                          |            | 2-Fluorobiphenyl        | 0.4            | 0.39            | 97           |      | 34         | 132  |
|               |                          |            | 2,4,6-Tribromophenol    | 0.4            | 0.49            | 122          |      | 10         | 131  |
|               |                          |            | Terphenyl-d14           | 0.4            | 0.69            | 171          | *    | 35         | 157  |
| PB164072BL    | PB164072BL               | BN034582.D | 2-Methylnaphthalene-d10 | 0.4            | 0.37            | 94           |      | 20         | 139  |
|               |                          |            | Fluoranthene-d10        | 0.4            | 0.41            | 102          |      | 30         | 150  |
|               |                          |            | 2-Fluorophenol          | 0.4            | 0.41            | 101          | *    | 10         | 100  |
|               |                          |            | Phenol-d6               | 0.4            | 0.32            | 80           |      | 10         | 100  |
|               |                          |            | Nitrobenzene-d5         | 0.4            | 0.34            | 84           |      | 27         | 123  |
|               |                          |            | 2-Fluorobiphenyl        | 0.4            | 0.44            | 111          |      | 34         | 132  |
|               |                          |            | 2,4,6-Tribromophenol    | 0.4            | 0.26            | 65           |      | 10         | 131  |
|               |                          |            | Terphenyl-d14           | 0.4            | 0.35            | 87           |      | 35         | 157  |
| PB164072BS    | PB164072BS               | BN034583.D | 2-Methylnaphthalene-d10 | 0.4            | 0.56            | 139          |      | 20         | 139  |
|               |                          |            | Fluoranthene-d10        | 0.4            | 0.37            | 93           |      | 30         | 150  |
|               |                          |            | 2-Fluorophenol          | 0.4            | 0.35            | 88           |      | 10         | 100  |
|               |                          |            | Phenol-d6               | 0.4            | 0.34            | 86           |      | 10         | 100  |
|               |                          |            | Nitrobenzene-d5         | 0.4            | 0.40            | 100          |      | 27         | 123  |
|               |                          |            | 2-Fluorobiphenyl        | 0.4            | 0.40            | 100          |      | 34         | 132  |
|               |                          |            | 2,4,6-Tribromophenol    | 0.4            | 0.29            | 72           |      | 10         | 131  |
|               |                          |            | Terphenyl-d14           | 0.4            | 0.42            | 105          |      | 35         | 157  |
| PB164072BSD   | PB164072BSD              | BN034584.D | 2-Methylnaphthalene-d10 | 0.4            | 0.54            | 135          |      | 20         | 139  |
|               |                          |            | Fluoranthene-d10        | 0.4            | 0.36            | 90           |      | 30         | 150  |
|               |                          |            | 2-Fluorophenol          | 0.4            | 0.34            | 86           |      | 10         | 100  |
|               |                          |            | Phenol-d6               | 0.4            | 0.34            | 84           |      | 10         | 100  |
|               |                          |            | Nitrobenzene-d5         | 0.4            | 0.39            | 98           |      | 27         | 123  |
|               |                          |            | 2-Fluorobiphenyl        | 0.4            | 0.39            | 97           |      | 34         | 132  |
|               |                          |            | 2,4,6-Tribromophenol    | 0.4            | 0.29            | 72           |      | 10         | 131  |
|               |                          |            | Terphenyl-d14           | 0.4            | 0.40            | 99           |      | 35         | 157  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN101424

Lab Code: CHEM

SAS No.: BN101424 SDG NO.: BN101424

Lab File ID: BN034565.D

DFTPP Injection Date: 10/14/2024

Instrument ID: BNA\_N

DFTPP Injection Time: 10:36

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 30.7                 |
| 68  | Less than 2.0% of mass 69          | 0.2 ( 0.6 ) 1        |
| 69  | Mass 69 relative abundance         | 34.6                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 46                   |
| 197 | Less than 2.0% of mass 198         | 0.3                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 7.1                  |
| 275 | 10.0 - 60.0% of mass 198           | 28.9                 |
| 365 | Greater than 1% of mass 198        | 4.1                  |
| 441 | Present, but less than mass 443    | 13.5                 |
| 442 | Greater than 50% of mass 198       | 83.6                 |
| 443 | 15.0 - 24.0% of mass 442           | 15 ( 18 ) 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       | BN034566.D     | 10/14/2024       | 11:55            |
| SSTDICC0.1        | SSTDICC0.1       | BN034567.D     | 10/14/2024       | 12:35            |
| SSTDICC0.2        | SSTDICC0.2       | BN034568.D     | 10/14/2024       | 13:12            |
| SSTDICCC0.4       | SSTDICCC0.4      | BN034569.D     | 10/14/2024       | 13:48            |
| SSTDICC0.8        | SSTDICC0.8       | BN034570.D     | 10/14/2024       | 14:24            |
| SSTDICC1.6        | SSTDICC1.6       | BN034571.D     | 10/14/2024       | 15:00            |
| SSTDICC3.2        | SSTDICC3.2       | BN034572.D     | 10/14/2024       | 15:37            |
| SSTDICC5.0        | SSTDICC5.0       | BN034573.D     | 10/14/2024       | 16:13            |
| ICVBN101424       | SSTDICV0.4       | BN034574.D     | 10/14/2024       | 16:49            |
| PB163828BL        | PB163828BL       | BN034575.D     | 10/14/2024       | 17:26            |
| DSN002RE          | P4386-03RE       | BN034576.D     | 10/14/2024       | 18:02            |
| DSN003RE          | P4386-04RE       | BN034577.D     | 10/14/2024       | 18:38            |
| SSTDCCC0.4EC      | SSTDCCC0.4       | BN034578.D     | 10/14/2024       | 19:14            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN101424

Lab Code: CHEM

SAS No.: BN101424 SDG NO.: BN101424

Lab File ID: BN034579.D

DFTPP Injection Date: 10/14/2024

Instrument ID: BNA\_N

DFTPP Injection Time: 19:51

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 32.4                 |
| 68  | Less than 2.0% of mass 69          | 0.7 ( 2 ) 1          |
| 69  | Mass 69 relative abundance         | 36                   |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.6 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 46.6                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.7                  |
| 275 | 10.0 - 60.0% of mass 198           | 28                   |
| 365 | Greater than 1% of mass 198        | 3.9                  |
| 441 | Present, but less than mass 443    | 12                   |
| 442 | Greater than 50% of mass 198       | 77                   |
| 443 | 15.0 - 24.0% of mass 442           | 14.3 ( 18.5 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO.        | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|--------------------------|------------------|----------------|------------------|------------------|
| SSTDCCC0.4               | SSTDCCC0.4       | BN034580.D     | 10/14/2024       | 20:30            |
| PB163828BL               | PB163828BL       | BN034581.D     | 10/14/2024       | 21:06            |
| PB164072BL               | PB164072BL       | BN034582.D     | 10/14/2024       | 21:42            |
| PB164072BS               | PB164072BS       | BN034583.D     | 10/14/2024       | 22:19            |
| PB164072BSD              | PB164072BSD      | BN034584.D     | 10/14/2024       | 22:55            |
| BPOW6-11-HYD-20241001RE  | P4267-01RE       | BN034585.D     | 10/14/2024       | 23:31            |
| RW7-SP302-20241002       | P4282-03         | BN034586.D     | 10/15/2024       | 00:07            |
| BP-TT189D2-GW-20240926DL | P4241-02DL       | BN034587.D     | 10/15/2024       | 00:44            |
| RW7-SP100-20241002DL     | P4282-01DL       | BN034588.D     | 10/15/2024       | 01:20            |
| BPOW6-11-HYD-20241008    | P4365-01         | BN034589.D     | 10/15/2024       | 01:56            |
| SSTDCCC0.4EC             | SSTDCCC0.4       | BN034590.D     | 10/15/2024       | 02:32            |