

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BN110824 SAS No.: BN110824 SDG No.: BN110824

Instrument ID: BNA\_N Calibration Date/Time: 11/8/2024 1:08:29

Lab File ID: BN034898.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    | 0.545 | 0.496  |            | -8.991  | 20.0  |
| Fluoranthene-d10           | 0.902 | 0.852  |            | -5.543  | 20.0  |
| n-Nitrosodimethylamine     | 0.682 | 0.609  |            | -10.704 | 20.0  |
| 2-Fluorophenol             | 1.115 | 0.972  |            | -12.825 | 20.0  |
| Phenol-d6                  | 1.480 | 1.313  |            | -11.284 | 20.0  |
| bis(2-Chloroethyl)ether    | 1.277 | 1.208  |            | -5.403  | 20.0  |
| Nitrobenzene-d5            | 0.312 | 0.279  |            | -10.577 | 20.0  |
| Naphthalene                | 1.110 | 1.045  |            | -5.856  | 20.0  |
| Hexachlorobutadiene        | 0.177 | 0.170  |            | -3.955  | 20.0  |
| 2-Methylnaphthalene        | 0.679 | 0.626  |            | -7.806  | 20.0  |
| 2-Fluorobiphenyl           | 1.690 | 1.536  |            | -9.112  | 20.0  |
| Acenaphthylene             | 1.929 | 1.688  |            | -12.494 | 20.0  |
| Acenaphthene               | 1.335 | 1.190  |            | -10.861 | 20.0  |
| Fluorene                   | 1.662 | 1.503  |            | -9.567  | 20.0  |
| 4,6-Dinitro-2-methylphenol | 0.044 | 0.031  |            | -29.545 | 20.0  |
| 2,4,6-Tribromophenol       | 0.118 | 0.098  |            | -16.949 | 20.0  |
| 4-Bromophenyl-phenylether  | 0.213 | 0.194  |            | -8.92   | 20.0  |
| Hexachlorobenzene          | 0.257 | 0.255  |            | -0.778  | 20.0  |
| Atrazine                   | 0.154 | 0.134  |            | -12.987 | 20.0  |
| Pentachlorophenol          | 0.077 | 0.065  |            | -15.584 | 20.0  |
| Phenanthrene               | 1.227 | 1.181  |            | -3.749  | 20.0  |
| Anthracene                 | 1.058 | 0.978  |            | -7.561  | 20.0  |
| Fluoranthene               | 1.291 | 1.245  |            | -3.563  | 20.0  |
| Pyrene                     | 2.025 | 1.911  |            | -5.63   | 20.0  |
| Terphenyl-d14              | 0.749 | 0.697  |            | -6.943  | 20.0  |
| Benzo(a)anthracene         | 1.559 | 1.483  |            | -4.875  | 20.0  |
| Chrysene                   | 1.650 | 1.624  |            | -1.576  | 20.0  |
| Bis(2-ethylhexyl)phthalate | 0.895 | 0.727  |            | -18.771 | 20.0  |
| Benzo(b)fluoranthene       | 1.757 | 1.808  |            | 2.903   | 20.0  |
| Benzo(k)fluoranthene       | 1.828 | 1.833  |            | 0.274   | 20.0  |
| Benzo(a)pyrene             | 1.396 | 1.314  |            | -5.874  | 20.0  |
| Indeno(1,2,3-cd)pyrene     | 1.782 | 1.636  |            | -8.193  | 20.0  |
| Dibenzo(a,h)anthracene     | 1.379 | 1.256  |            | -8.92   | 20.0  |
| Benzo(g,h,i)perylene       | 1.464 | 1.382  |            | -5.601  | 20.0  |
| 1,4-Dioxane                | 0.505 | 0.457  |            | -9.505  | 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.: BN110824 SAS No.: BN110824 SDG No.: BN110824

Instrument ID: BNA\_N Calibration Date/Time: 11/8/2024 1:16:41

Lab File ID: BN034911.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    | 0.545 | 0.486  |            | -10.826 | 50.0  |
| Fluoranthene-d10           | 0.902 | 0.830  |            | -7.982  | 50.0  |
| n-Nitrosodimethylamine     | 0.682 | 0.659  |            | -3.372  | 50.0  |
| 2-Fluorophenol             | 1.115 | 0.993  |            | -10.942 | 50.0  |
| Phenol-d6                  | 1.480 | 1.324  |            | -10.541 | 50.0  |
| bis(2-Chloroethyl)ether    | 1.277 | 1.182  |            | -7.439  | 50.0  |
| Nitrobenzene-d5            | 0.312 | 0.275  |            | -11.859 | 50.0  |
| Naphthalene                | 1.110 | 1.033  |            | -6.937  | 50.0  |
| Hexachlorobutadiene        | 0.177 | 0.165  |            | -6.78   | 50.0  |
| 2-Methylnaphthalene        | 0.679 | 0.615  |            | -9.426  | 50.0  |
| 2-Fluorobiphenyl           | 1.690 | 1.539  |            | -8.935  | 50.0  |
| Acenaphthylene             | 1.929 | 1.691  |            | -12.338 | 50.0  |
| Acenaphthene               | 1.335 | 1.178  |            | -11.76  | 50.0  |
| Fluorene                   | 1.662 | 1.489  |            | -10.409 | 50.0  |
| 4,6-Dinitro-2-methylphenol | 0.044 | 0.034  |            | -22.727 | 50.0  |
| 2,4,6-Tribromophenol       | 0.118 | 0.094  |            | -20.339 | 50.0  |
| 4-Bromophenyl-phenylether  | 0.213 | 0.192  |            | -9.859  | 50.0  |
| Hexachlorobenzene          | 0.257 | 0.248  |            | -3.502  | 50.0  |
| Atrazine                   | 0.154 | 0.133  |            | -13.636 | 50.0  |
| Pentachlorophenol          | 0.077 | 0.060  |            | -22.078 | 50.0  |
| Phenanthrene               | 1.227 | 1.183  |            | -3.586  | 50.0  |
| Anthracene                 | 1.058 | 0.969  |            | -8.412  | 50.0  |
| Fluoranthene               | 1.291 | 1.213  |            | -6.042  | 50.0  |
| Pyrene                     | 2.025 | 2.044  |            | 0.938   | 50.0  |
| Terphenyl-d14              | 0.749 | 0.739  |            | -1.335  | 50.0  |
| Benzo(a)anthracene         | 1.559 | 1.473  |            | -5.516  | 50.0  |
| Chrysene                   | 1.650 | 1.633  |            | -1.03   | 50.0  |
| Bis(2-ethylhexyl)phthalate | 0.895 | 0.721  |            | -19.441 | 50.0  |
| Benzo(b)fluoranthene       | 1.757 | 1.830  |            | 4.155   | 50.0  |
| Benzo(k)fluoranthene       | 1.828 | 1.845  |            | 0.93    | 50.0  |
| Benzo(a)pyrene             | 1.396 | 1.332  |            | -4.585  | 50.0  |
| Indeno(1,2,3-cd)pyrene     | 1.782 | 1.608  |            | -9.764  | 50.0  |
| Dibenzo(a,h)anthracene     | 1.379 | 1.238  |            | -10.225 | 50.0  |
| Benzo(g,h,i)perylene       | 1.464 | 1.357  |            | -7.309  | 50.0  |
| 1,4-Dioxane                | 0.505 | 0.476  |            | -5.743  | 50.0  |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/18/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 10/18/2024 12:00:00 AM |
| Client Sample ID:  | PB164234BL     | SDG No.:        | BN110824               |
| Lab Sample ID:     | PB164234BL     | Matrix:         | Solid                  |
| Analytical Method: | 8270-Modified  | % Moisture:     | 0                      |
| Sample Wt/Vol:     | 30.01 Units: g | Final Vol:      | 1000 uL                |
| Soil Aliquot Vol:  | uL             | Test:           |                        |
| Extraction Type :  | Decanted :     | Level :         | LOW                    |
| Injection Volume : | GPC Factor :   | GPC Cleanup :   | PH :                   |

|                   |           |                        |                       |               |
|-------------------|-----------|------------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed         | Prep Batch ID |
| BN034899.D        | 1         | 10/18/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164234      |

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

## Report of Analysis

|                    |                     |                 |                        |
|--------------------|---------------------|-----------------|------------------------|
| Client:            |                     | Date Collected: | 10/18/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 10/18/2024 12:00:00 AM |
| Client Sample ID:  | PB164234BL          | SDG No.:        | BN110824               |
| Lab Sample ID:     | PB164234BL          | Matrix:         | Solid                  |
| Analytical Method: | 8270-Modified       | % Moisture:     | 0                      |
| Sample Wt/Vol:     | 30.01      Units: g | Final Vol:      | 1000      uL           |
| Soil Aliquot Vol:  | uL                  | Test:           |                        |
| Extraction Type :  | Decanted :          | Level :         | LOW                    |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                   |

|                   |           |                        |                       |               |
|-------------------|-----------|------------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed         | Prep Batch ID |
| BN034899.D        | 1         | 10/18/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164234      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.376 |           | 17-161 |     | 94         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.399 |           | 23-138 |     | 100        | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.375 |           | 28-122 |     | 94         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.374 |           | 25-125 |     | 94         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.39  |           | 33-121 |     | 97         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.41  |           | 32-121 |     | 102        | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.276 |           | 19-110 |     | 69         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.509 |           | 21-130 |     | 127        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7616  | 7.575     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 21750 | 10.34     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 9447  | 14.201    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 19820 | 16.957    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 11091 | 21.142    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 9412  | 23.315    |        |     |            |           |

## Report of Analysis

|                    |                      |                 |                       |
|--------------------|----------------------|-----------------|-----------------------|
| Client:            |                      | Date Collected: | 10/9/2024 12:00:00 AM |
| Project:           |                      | Date Received:  | 10/9/2024 12:00:00 AM |
| Client Sample ID:  | MDL-SOIL-03-QT4-2024 | SDG No.:        | BN110824              |
| Lab Sample ID:     | P4368-03             | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified        | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.01 Units: g       | Final Vol:      | 1000 uL               |
| Soil Aliquot Vol:  | uL                   | Test:           |                       |
| Extraction Type :  | Decanted :           | Level :         | LOW                   |
| Injection Volume : | GPC Factor :         | GPC Cleanup :   | PH :                  |

|                   |           |                        |                       |               |
|-------------------|-----------|------------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed         | Prep Batch ID |
| BN034900.D        | 1         | 10/18/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164234      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|-------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |       |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 2.6   | J         | 1.3   | 6.6 | 6.6        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether    | 2.6   | J         | 0.85  | 3.3 | 3.3        | ug/Kg |
| 91-20-3        | Naphthalene                | 2.6   | J         | 0.69  | 3.3 | 3.3        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene        | 2.6   | J         | 0.69  | 3.3 | 3.3        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene        | 2.6   | J         | 0.8   | 3.3 | 3.3        | ug/Kg |
| 208-96-8       | Acenaphthylene             | 2.5   | J         | 0.63  | 3.3 | 3.3        | ug/Kg |
| 83-32-9        | Acenaphthene               | 2.5   | J         | 0.55  | 3.3 | 3.3        | ug/Kg |
| Total PAH      | Total PAH                  | 44.4  | J         | 14.61 | 3.3 | 52.8       | ug/Kg |
| 86-73-7        | Fluorene                   | 2.5   | J         | 0.6   | 3.3 | 3.3        | ug/Kg |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 4.2   | U         | 4.2   | 6.6 | 6.6        | ug/Kg |
| 101-55-3       | 4-Bromophenyl-phenylether  | 2.6   | J         | 0.79  | 3.3 | 3.3        | ug/Kg |
| 118-74-1       | Hexachlorobenzene          | 2.8   | J         | 0.85  | 3.3 | 3.3        | ug/Kg |
| 1912-24-9      | Atrazine                   | 3.7   |           | 0.76  | 3.3 | 3.3        | ug/Kg |
| 87-86-5        | Pentachlorophenol          | 3.5   | J         | 2.8   | 6.6 | 6.6        | ug/Kg |
| 85-01-8        | Phenanthrene               | 2.9   | J         | 0.63  | 3.3 | 3.3        | ug/Kg |
| 120-12-7       | Anthracene                 | 2.8   | J         | 0.79  | 3.3 | 3.3        | ug/Kg |
| 206-44-0       | Fluoranthene               | 2.9   | J         | 0.67  | 3.3 | 3.3        | ug/Kg |
| 129-00-0       | Pyrene                     | 2.9   | J         | 0.95  | 3.3 | 3.3        | ug/Kg |
| 56-55-3        | Benzo(a)anthracene         | 2.9   | J         | 0.76  | 3.3 | 3.3        | ug/Kg |
| 218-01-9       | Chrysene                   | 3.1   | J         | 0.86  | 3.3 | 3.3        | ug/Kg |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 2.8   | J         | 1.5   | 6.6 | 6.6        | ug/Kg |
| 205-99-2       | Benzo(b)fluoranthene       | 2.9   | J         | 1.2   | 3.3 | 3.3        | ug/Kg |
| 207-08-9       | Benzo(k)fluoranthene       | 3     | J         | 0.98  | 3.3 | 3.3        | ug/Kg |
| 50-32-8        | Benzo(a)pyrene             | 2.7   | J         | 1.7   | 3.3 | 3.3        | ug/Kg |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 2.7   | J         | 1.3   | 3.3 | 3.3        | ug/Kg |
| 53-70-3        | Dibenzo(a,h)anthracene     | 2.7   | J         | 1.2   | 3.3 | 3.3        | ug/Kg |
| 191-24-2       | Benzo(g,h,i)perylene       | 2.8   | J         | 1.1   | 3.3 | 3.3        | ug/Kg |
| 123-91-1       | 1,4-Dioxane                | 3     | J         | 2.2   | 6.6 | 6.6        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 10/9/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/9/2024 12:00:00 AM |
| Client Sample ID:  | MDL-SOIL-03-QT4-2024   | SDG No.:        | BN110824              |
| Lab Sample ID:     | P4368-03               | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified          | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.01      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                        |                       |               |
|-------------------|-----------|------------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed         | Prep Batch ID |
| BN034900.D        | 1         | 10/18/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164234      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.412 |           | 17-161 |     | 103        | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.44  |           | 23-138 |     | 110        | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.23  |           | 28-122 |     | 57         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.235 |           | 25-125 |     | 59         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.257 |           | 33-121 |     | 64         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.261 |           | 32-121 |     | 65         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.246 |           | 19-110 |     | 62         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.298 |           | 21-130 |     | 75         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7662  | 7.575     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 23245 | 10.34     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 11060 | 14.208    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 22355 | 16.952    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 13873 | 21.149    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 11983 | 23.315    |        |     |            |           |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 10/9/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/9/2024 12:00:00 AM |
| Client Sample ID:  | MDL-SOIL-03-QT4-2024   | SDG No.:        | BN110824              |
| Lab Sample ID:     | P4368-03               | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified          | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.01      Units:    g | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                        |                       |               |
|-------------------|-----------|------------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed         | Prep Batch ID |
| BN034901.D        | 1         | 10/18/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164234      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|-------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |       |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 6.9   |           | 1.3   | 6.6 | 6.6        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether    | 7.4   |           | 0.85  | 3.3 | 3.3        | ug/Kg |
| 91-20-3        | Naphthalene                | 7.3   |           | 0.69  | 3.3 | 3.3        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene        | 7     |           | 0.69  | 3.3 | 3.3        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene        | 7.2   |           | 0.8   | 3.3 | 3.3        | ug/Kg |
| 208-96-8       | Acenaphthylene             | 7.1   |           | 0.63  | 3.3 | 3.3        | ug/Kg |
| 83-32-9        | Acenaphthene               | 6.8   |           | 0.55  | 3.3 | 3.3        | ug/Kg |
| Total PAH      | Total PAH                  | 114.2 |           | 14.61 | 3.3 | 52.8       | ug/Kg |
| 86-73-7        | Fluorene                   | 7     |           | 0.6   | 3.3 | 3.3        | ug/Kg |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 6.2   | J         | 4.2   | 6.6 | 6.6        | ug/Kg |
| 101-55-3       | 4-Bromophenyl-phenylether  | 6.9   |           | 0.79  | 3.3 | 3.3        | ug/Kg |
| 118-74-1       | Hexachlorobenzene          | 7.2   |           | 0.85  | 3.3 | 3.3        | ug/Kg |
| 1912-24-9      | Atrazine                   | 6.7   |           | 0.76  | 3.3 | 3.3        | ug/Kg |
| 87-86-5        | Pentachlorophenol          | 6     | J         | 2.8   | 6.6 | 6.6        | ug/Kg |
| 85-01-8        | Phenanthrene               | 7.4   |           | 0.63  | 3.3 | 3.3        | ug/Kg |
| 120-12-7       | Anthracene                 | 7.4   |           | 0.79  | 3.3 | 3.3        | ug/Kg |
| 206-44-0       | Fluoranthene               | 7.1   |           | 0.67  | 3.3 | 3.3        | ug/Kg |
| 129-00-0       | Pyrene                     | 7.3   |           | 0.95  | 3.3 | 3.3        | ug/Kg |
| 56-55-3        | Benzo(a)anthracene         | 7.2   |           | 0.76  | 3.3 | 3.3        | ug/Kg |
| 218-01-9       | Chrysene                   | 7.6   |           | 0.86  | 3.3 | 3.3        | ug/Kg |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 6.7   |           | 1.5   | 6.6 | 6.6        | ug/Kg |
| 205-99-2       | Benzo(b)fluoranthene       | 7.7   |           | 1.2   | 3.3 | 3.3        | ug/Kg |
| 207-08-9       | Benzo(k)fluoranthene       | 7.3   |           | 0.98  | 3.3 | 3.3        | ug/Kg |
| 50-32-8        | Benzo(a)pyrene             | 6.9   |           | 1.7   | 3.3 | 3.3        | ug/Kg |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 6.6   |           | 1.3   | 3.3 | 3.3        | ug/Kg |
| 53-70-3        | Dibenzo(a,h)anthracene     | 6.6   |           | 1.2   | 3.3 | 3.3        | ug/Kg |
| 191-24-2       | Benzo(g,h,i)perylene       | 6.9   |           | 1.1   | 3.3 | 3.3        | ug/Kg |
| 123-91-1       | 1,4-Dioxane                | 7.8   |           | 2.2   | 6.6 | 6.6        | ug/Kg |

## Report of Analysis

|                    |                      |                 |                       |
|--------------------|----------------------|-----------------|-----------------------|
| Client:            |                      | Date Collected: | 10/9/2024 12:00:00 AM |
| Project:           |                      | Date Received:  | 10/9/2024 12:00:00 AM |
| Client Sample ID:  | MDL-SOIL-03-QT4-2024 | SDG No.:        | BN110824              |
| Lab Sample ID:     | P4368-03             | Matrix:         | Solid                 |
| Analytical Method: | 8270-Modified        | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.01      Units: g  | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                   | Test:           |                       |
| Extraction Type :  | Decanted :           | Level :         | LOW                   |
| Injection Volume : | GPC Factor :         | GPC Cleanup :   | PH :                  |

|                   |           |                        |                       |               |
|-------------------|-----------|------------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed         | Prep Batch ID |
| BN034901.D        | 1         | 10/18/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164234      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.557 |           | 17-161 |     | 139        | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.597 | *         | 23-138 |     | 149        | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.315 |           | 28-122 |     | 79         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.321 |           | 25-125 |     | 80         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.349 |           | 33-121 |     | 87         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.355 |           | 32-121 |     | 89         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.318 |           | 19-110 |     | 79         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.378 |           | 21-130 |     | 94         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 4985  | 7.575     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 14730 | 10.34     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 6925  | 14.208    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 14040 | 16.952    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 8598  | 21.149    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 7109  | 23.315    |        |     |            |           |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 10/9/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 10/9/2024 12:00:00 AM |
| Client Sample ID:  | MDL-WATER-03-QT4-2024 | SDG No.:        | BN110824              |
| Lab Sample ID:     | P4368-09              | 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 |
| BN034902.D        | 1         | 10/18/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164235      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.08  | J         | 0.03 | 0.2 | 0.2        | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.08  | J         | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-20-3        | Naphthalene                | 0.08  | J         | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.08  | J         | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 0.08  | J         | 0.03 | 0.1 | 0.1        | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.08  | J         | 0.02 | 0.1 | 0.1        | ug/L  |
| 83-32-9        | Acenaphthene               | 0.07  | J         | 0.02 | 0.1 | 0.1        | ug/L  |
| Total PAH      | Total PAH                  | 1.36  | J         | 0.45 | 0.1 | 1.6        | ug/L  |
| 86-73-7        | Fluorene                   | 0.08  | J         | 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  | 0.08  | J         | 0.03 | 0.1 | 0.1        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.09  | J         | 0.03 | 0.1 | 0.1        | ug/L  |
| 1912-24-9      | Atrazine                   | 0.11  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.1   | J         | 0.09 | 0.2 | 0.2        | ug/L  |
| 85-01-8        | Phenanthrene               | 0.09  | J         | 0.02 | 0.1 | 0.1        | ug/L  |
| 120-12-7       | Anthracene                 | 0.09  | J         | 0.02 | 0.1 | 0.1        | ug/L  |
| 206-44-0       | Fluoranthene               | 0.09  | J         | 0.02 | 0.1 | 0.1        | ug/L  |
| 129-00-0       | Pyrene                     | 0.09  | J         | 0.02 | 0.1 | 0.1        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.09  | J         | 0.02 | 0.1 | 0.1        | ug/L  |
| 218-01-9       | Chrysene                   | 0.09  | J         | 0.03 | 0.1 | 0.1        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.14  | U         | 0.14 | 0.2 | 0.2        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.09  | J         | 0.03 | 0.1 | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.09  | J         | 0.03 | 0.1 | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.08  | J         | 0.06 | 0.1 | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.09  | J         | 0.04 | 0.1 | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.08  | J         | 0.04 | 0.1 | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.08  | J         | 0.04 | 0.1 | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 0.09  | J         | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 10/9/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/9/2024 12:00:00 AM |
| Client Sample ID:  | MDL-WATER-03-QT4-2024  | SDG No.:        | BN110824              |
| Lab Sample ID:     | P4368-09               | 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 |
| BN034902.D        | 1         | 10/18/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164235      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.415 |           | 20-139 |     | 104        | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.44  |           | 30-150 |     | 110        | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.226 |           | 10-100 |     | 56         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.233 |           | 10-100 |     | 58         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.266 |           | 27-123 |     | 67         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.26  |           | 34-132 |     | 65         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.235 |           | 10-131 |     | 59         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.294 |           | 35-157 |     | 74         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7818  | 7.568     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 23416 | 10.34     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 11128 | 14.208    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 22135 | 16.952    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 13920 | 21.149    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 12386 | 23.321    |        |     |            |           |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 10/9/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 10/9/2024 12:00:00 AM |
| Client Sample ID:  | MDL-WATER-03-QT4-2024 | SDG No.:        | BN110824              |
| Lab Sample ID:     | P4368-09              | 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 |
| BN034903.D        | 1         | 10/18/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164235      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.22  |           | 0.03 | 0.2 | 0.2        | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.22  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-20-3        | Naphthalene                | 0.22  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.21  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 0.21  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.21  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 83-32-9        | Acenaphthene               | 0.2   |           | 0.02 | 0.1 | 0.1        | ug/L  |
| Total PAH      | Total PAH                  | 3.42  |           | 0.45 | 0.1 | 1.6        | ug/L  |
| 86-73-7        | Fluorene                   | 0.21  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 0.17  | J         | 0.14 | 0.2 | 0.2        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.2   |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.22  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 1912-24-9      | Atrazine                   | 0.19  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.17  | J         | 0.09 | 0.2 | 0.2        | ug/L  |
| 85-01-8        | Phenanthrene               | 0.22  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 120-12-7       | Anthracene                 | 0.22  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 206-44-0       | Fluoranthene               | 0.21  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 129-00-0       | Pyrene                     | 0.21  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.22  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 218-01-9       | Chrysene                   | 0.23  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.19  | J         | 0.14 | 0.2 | 0.2        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.22  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.23  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.2   |           | 0.06 | 0.1 | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.21  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.2   |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.21  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 0.23  |           | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 10/9/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 10/9/2024 12:00:00 AM |
| Client Sample ID:  | MDL-WATER-03-QT4-2024 | SDG No.:        | BN110824              |
| Lab Sample ID:     | P4368-09              | 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 |
| BN034903.D        | 1         | 10/18/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164235      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.558 | *         | 20-139 |     | 140        | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.599 |           | 30-150 |     | 150        | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.305 |           | 10-100 |     | 76         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.313 |           | 10-100 |     | 78         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.352 |           | 27-123 |     | 88         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.351 |           | 34-132 |     | 88         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.307 |           | 10-131 |     | 77         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.37  |           | 35-157 |     | 93         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 4970  | 7.575     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 14679 | 10.34     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 6913  | 14.201    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 13893 | 16.957    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 8589  | 21.142    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 7536  | 23.317    |        |     |            |           |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/18/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 10/18/2024 12:00:00 AM |
| Client Sample ID:  | PB164235BL     | SDG No.:        | BN110824               |
| Lab Sample ID:     | PB164235BL     | 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 |
| BN034904.D        | 1         | 10/18/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164235      |

| 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: | 10/18/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/18/2024 12:00:00 AM |
| Client Sample ID:  | PB164235BL             | SDG No.:        | BN110824               |
| Lab Sample ID:     | PB164235BL             | 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 |
| BN034904.D        | 1         | 10/18/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164235      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.37  |           | 20-139 |     | 93         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.396 |           | 30-150 |     | 99         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.369 |           | 10-100 |     | 92         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.367 |           | 10-100 |     | 92         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.384 |           | 27-123 |     | 96         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.408 |           | 34-132 |     | 102        | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.268 |           | 10-131 |     | 67         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.522 |           | 35-157 |     | 131        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 5987  | 7.575     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 17079 | 10.34     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 7385  | 14.208    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 14844 | 16.952    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 8034  | 21.149    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 6658  | 23.315    |        |     |            |           |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/30/2024 12:00:00 AM |
| Client Sample ID:  | BP-BPOW6-7-GW-20241030 | SDG No.:        | BN110824               |
| Lab Sample ID:     | P4710-02               | 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 |
| BN034905.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164705      |

| 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: | 10/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/30/2024 12:00:00 AM |
| Client Sample ID:  | BP-BPOW6-7-GW-20241030 | SDG No.:        | BN110824               |
| Lab Sample ID:     | P4710-02               | 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 |
| BN034905.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164705      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.323 |           | 20-139 |     | 81         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.383 |           | 30-150 |     | 96         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.204 |           | 10-100 |     | 51         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.133 |           | 10-100 |     | 33         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.339 |           | 27-123 |     | 85         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.391 |           | 34-132 |     | 98         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.342 |           | 10-131 |     | 86         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.458 |           | 35-157 |     | 114        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 5186  | 7.575     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 15083 | 10.34     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 6739  | 14.201    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 13647 | 16.957    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 8571  | 21.152    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 6880  | 23.321    |        |     |            |           |

## Report of Analysis

|                    |                         |                 |                        |
|--------------------|-------------------------|-----------------|------------------------|
| Client:            |                         | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                         | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | BP-BPOW6-11-GW-20241031 | SDG No.:        | BN110824               |
| Lab Sample ID:     | P4710-03                | 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 |
| BN034906.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164705      |

| 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  |
| Total PAH      | Total PAH                  | 0.45  | U         | 0.45 | 0.1 | 1.6        | ug/L  |
| 83-32-9        | Acenaphthene               | 0.02  | U         | 0.02 | 0.1 | 0.1        | 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: | 10/31/2024 12:00:00 AM |
| Project:           |                         | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | BP-BPOW6-11-GW-20241031 | SDG No.:        | BN110824               |
| Lab Sample ID:     | P4710-03                | 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 |
| BN034906.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164705      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.315 |           | 20-139 |     | 79         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.373 |           | 30-150 |     | 93         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.187 |           | 10-100 |     | 47         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.121 |           | 10-100 |     | 30         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.327 |           | 27-123 |     | 82         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.345 |           | 34-132 |     | 86         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.312 |           | 10-131 |     | 78         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.418 |           | 35-157 |     | 104        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 5457  | 7.575     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 15845 | 10.34     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 7293  | 14.208    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 14785 | 16.952    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 9375  | 21.149    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 7760  | 23.318    |        |     |            |           |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/1/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/1/2024 12:00:00 AM |
| Client Sample ID:  | BP-BPOW6-8-GW-20241101 | SDG No.:        | BN110824              |
| Lab Sample ID:     | P4710-04               | 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 |
| BN034907.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164705      |

| 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: | 11/1/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/1/2024 12:00:00 AM |
| Client Sample ID:  | BP-BPOW6-8-GW-20241101 | SDG No.:        | BN110824              |
| Lab Sample ID:     | P4710-04               | 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 |
| BN034907.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164705      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.323 |           | 20-139 |     | 81         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.385 |           | 30-150 |     | 96         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.121 |           | 10-100 |     | 30         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.074 |           | 10-100 |     | 19         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.332 |           | 27-123 |     | 83         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.355 |           | 34-132 |     | 89         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.297 |           | 10-131 |     | 74         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.443 |           | 35-157 |     | 111        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 5705  | 7.575     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 16698 | 10.34     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 7609  | 14.208    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 15639 | 16.952    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 9493  | 21.149    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 7807  | 23.318    |        |     |            |           |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 11/6/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 11/6/2024 12:00:00 AM |
| Client Sample ID:  | PB164705BS     | SDG No.:        | BN110824              |
| Lab Sample ID:     | PB164705BS     | 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 |
| BN034908.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164705      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.35  |           | 0.03 | 0.2 | 0.2        | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.35  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-20-3        | Naphthalene                | 0.34  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.33  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 0.33  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.34  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 83-32-9        | Acenaphthene               | 0.34  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| Total PAH      | Total PAH                  | 5.6   |           | 0.45 | 0.1 | 1.6        | ug/L  |
| 86-73-7        | Fluorene                   | 0.33  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 0.34  |           | 0.14 | 0.2 | 0.2        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.32  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.33  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 1912-24-9      | Atrazine                   | 0.32  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.53  |           | 0.09 | 0.2 | 0.2        | ug/L  |
| 85-01-8        | Phenanthrene               | 0.35  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 120-12-7       | Anthracene                 | 0.35  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 206-44-0       | Fluoranthene               | 0.32  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 129-00-0       | Pyrene                     | 0.36  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.35  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 218-01-9       | Chrysene                   | 0.37  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.29  |           | 0.14 | 0.2 | 0.2        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.38  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.36  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.39  |           | 0.06 | 0.1 | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.34  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.34  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.34  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 0.29  |           | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 11/6/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 11/6/2024 12:00:00 AM |
| Client Sample ID:  | PB164705BS     | SDG No.:        | BN110824              |
| Lab Sample ID:     | PB164705BS     | 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 |
| BN034908.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164705      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.401 |           | 20-139 |     | 100        | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.326 |           | 30-150 |     | 81         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.317 |           | 10-100 |     | 79         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.317 |           | 10-100 |     | 79         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.331 |           | 27-123 |     | 83         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.34  |           | 34-132 |     | 85         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.293 |           | 10-131 |     | 73         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.381 |           | 35-157 |     | 95         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 6394  | 7.575     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 18264 | 10.34     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 8109  | 14.208    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 16416 | 16.952    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 9189  | 21.149    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 6982  | 23.318    |        |     |            |           |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/6/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/6/2024 12:00:00 AM |
| Client Sample ID:  | PB164705BSD            | SDG No.:        | BN110824              |
| Lab Sample ID:     | PB164705BSD            | 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 |
| BN034909.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164705      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.34  |           | 0.03 | 0.2 | 0.2        | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.34  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-20-3        | Naphthalene                | 0.34  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.33  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 0.33  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.34  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 83-32-9        | Acenaphthene               | 0.33  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| Total PAH      | Total PAH                  | 5.57  |           | 0.45 | 0.1 | 1.6        | ug/L  |
| 86-73-7        | Fluorene                   | 0.32  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 0.33  |           | 0.14 | 0.2 | 0.2        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.32  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.34  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 1912-24-9      | Atrazine                   | 0.31  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.52  |           | 0.09 | 0.2 | 0.2        | ug/L  |
| 85-01-8        | Phenanthrene               | 0.35  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 120-12-7       | Anthracene                 | 0.35  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 206-44-0       | Fluoranthene               | 0.32  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 129-00-0       | Pyrene                     | 0.36  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.35  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 218-01-9       | Chrysene                   | 0.37  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.29  |           | 0.14 | 0.2 | 0.2        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.38  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.36  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.38  |           | 0.06 | 0.1 | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.34  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.34  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.34  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 0.28  |           | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 11/6/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 11/6/2024 12:00:00 AM |
| Client Sample ID:  | PB164705BSD    | SDG No.:        | BN110824              |
| Lab Sample ID:     | PB164705BSD    | 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 |
| BN034909.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164705      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.394 |           | 20-139 |     | 98         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.329 |           | 30-150 |     | 82         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.312 |           | 10-100 |     | 78         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.317 |           | 10-100 |     | 79         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.329 |           | 27-123 |     | 82         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.34  |           | 34-132 |     | 85         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.301 |           | 10-131 |     | 75         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.379 |           | 35-157 |     | 95         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 6255  | 7.575     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 17867 | 10.34     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 7947  | 14.208    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 15963 | 16.952    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 9019  | 21.149    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 6770  | 23.315    |        |     |            |           |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 11/6/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 11/6/2024 12:00:00 AM |
| Client Sample ID:  | PB164705BL     | SDG No.:        | BN110824              |
| Lab Sample ID:     | PB164705BL     | 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 |
| BN034910.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164705      |

| 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: | 11/6/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 11/6/2024 12:00:00 AM |
| Client Sample ID:  | PB164705BL     | SDG No.:        | BN110824              |
| Lab Sample ID:     | PB164705BL     | 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 |
| BN034910.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164705      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.337 |           | 20-139 |     | 84         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.359 |           | 30-150 |     | 90         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.331 |           | 10-100 |     | 83         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.33  |           | 10-100 |     | 83         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.352 |           | 27-123 |     | 88         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.381 |           | 34-132 |     | 95         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.202 |           | 10-131 |     | 50         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.47  |           | 35-157 |     | 117        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 6271  | 7.575     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 17552 | 10.34     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 7420  | 14.201    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 15255 | 16.957    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 8049  | 21.151    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 6373  | 23.317    |        |     |            |           |

### Hit Summary Sheet SW-846

SDG No.: BN110824

Client:

| Sample ID                               | Client ID            | Matrix | Parameter                  | Concentration | C | MDL   | RDL  | Units |
|-----------------------------------------|----------------------|--------|----------------------------|---------------|---|-------|------|-------|
| <b>Client ID : MDL-SOIL-03-QT4-2024</b> |                      |        |                            |               |   |       |      |       |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | 1,4-Dioxane                | 3.000         | J | 2.2   | 6.6  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | 2-Methylnaphthalene        | 2.600         | J | 0.8   | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | 4-Bromophenyl-phenylether  | 2.600         | J | 0.79  | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Acenaphthene               | 2.500         | J | 0.55  | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Acenaphthylene             | 2.500         | J | 0.63  | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Anthracene                 | 2.800         | J | 0.79  | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Atrazine                   | 3.700         |   | 0.76  | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Benzo(a)anthracene         | 2.900         | J | 0.76  | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Benzo(a)pyrene             | 2.700         | J | 1.7   | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Benzo(b)fluoranthene       | 2.900         | J | 1.2   | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Benzo(g,h,i)perylene       | 2.800         | J | 1.1   | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Benzo(k)fluoranthene       | 3.000         | J | 0.98  | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | bis(2-Chloroethyl)ether    | 2.600         | J | 0.85  | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Bis(2-ethylhexyl)phthalate | 2.800         | J | 1.5   | 6.6  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Chrysene                   | 3.100         | J | 0.86  | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Dibenzo(a,h)anthracene     | 2.700         | J | 1.2   | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Fluoranthene               | 2.900         | J | 0.67  | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Fluorene                   | 2.500         | J | 0.6   | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Hexachlorobenzene          | 2.800         | J | 0.85  | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Hexachlorobutadiene        | 2.600         | J | 0.69  | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Indeno(1,2,3-cd)pyrene     | 2.700         | J | 1.3   | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | n-Nitrosodimethylamine     | 2.600         | J | 1.3   | 6.6  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Naphthalene                | 2.600         | J | 0.69  | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Pentachlorophenol          | 3.500         | J | 2.8   | 6.6  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Phenanthrene               | 2.900         | J | 0.63  | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Pyrene                     | 2.900         | J | 0.95  | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Total PAH                  | 44.400        | J | 14.61 | 52.8 | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | 1,4-Dioxane                | 7.800         |   | 2.2   | 6.6  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | 2-Methylnaphthalene        | 7.200         |   | 0.8   | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | 4,6-Dinitro-2-methylphenol | 6.200         | J | 4.2   | 6.6  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | 4-Bromophenyl-phenylether  | 6.900         |   | 0.79  | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Acenaphthene               | 6.800         |   | 0.55  | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Acenaphthylene             | 7.100         |   | 0.63  | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Anthracene                 | 7.400         |   | 0.79  | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Atrazine                   | 6.700         |   | 0.76  | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Benzo(a)anthracene         | 7.200         |   | 0.76  | 3.3  | ug/Kg |
| P4368-03                                | MDL-SOIL-03-QT4-2024 | Solid  | Benzo(a)pyrene             | 6.900         |   | 1.7   | 3.3  | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BN110824

Client:

| Sample ID | Client ID            | Matrix | Parameter                  | Concentration | C | MDL   | RDL  | Units |
|-----------|----------------------|--------|----------------------------|---------------|---|-------|------|-------|
| P4368-03  | MDL-SOIL-03-QT4-2024 | Solid  | Benzo(b)fluoranthene       | 7.700         |   | 1.2   | 3.3  | ug/Kg |
| P4368-03  | MDL-SOIL-03-QT4-2024 | Solid  | Benzo(g,h,i)perylene       | 6.900         |   | 1.1   | 3.3  | ug/Kg |
| P4368-03  | MDL-SOIL-03-QT4-2024 | Solid  | Benzo(k)fluoranthene       | 7.300         |   | 0.98  | 3.3  | ug/Kg |
| P4368-03  | MDL-SOIL-03-QT4-2024 | Solid  | bis(2-Chloroethyl)ether    | 7.400         |   | 0.85  | 3.3  | ug/Kg |
| P4368-03  | MDL-SOIL-03-QT4-2024 | Solid  | Bis(2-ethylhexyl)phthalate | 6.700         |   | 1.5   | 6.6  | ug/Kg |
| P4368-03  | MDL-SOIL-03-QT4-2024 | Solid  | Chrysene                   | 7.600         |   | 0.86  | 3.3  | ug/Kg |
| P4368-03  | MDL-SOIL-03-QT4-2024 | Solid  | Dibenzo(a,h)anthracene     | 6.600         |   | 1.2   | 3.3  | ug/Kg |
| P4368-03  | MDL-SOIL-03-QT4-2024 | Solid  | Fluoranthene               | 7.100         |   | 0.67  | 3.3  | ug/Kg |
| P4368-03  | MDL-SOIL-03-QT4-2024 | Solid  | Fluorene                   | 7.000         |   | 0.6   | 3.3  | ug/Kg |
| P4368-03  | MDL-SOIL-03-QT4-2024 | Solid  | Hexachlorobenzene          | 7.200         |   | 0.85  | 3.3  | ug/Kg |
| P4368-03  | MDL-SOIL-03-QT4-2024 | Solid  | Hexachlorobutadiene        | 7.000         |   | 0.69  | 3.3  | ug/Kg |
| P4368-03  | MDL-SOIL-03-QT4-2024 | Solid  | Indeno(1,2,3-cd)pyrene     | 6.600         |   | 1.3   | 3.3  | ug/Kg |
| P4368-03  | MDL-SOIL-03-QT4-2024 | Solid  | n-Nitrosodimethylamine     | 6.900         |   | 1.3   | 6.6  | ug/Kg |
| P4368-03  | MDL-SOIL-03-QT4-2024 | Solid  | Naphthalene                | 7.300         |   | 0.69  | 3.3  | ug/Kg |
| P4368-03  | MDL-SOIL-03-QT4-2024 | Solid  | Pentachlorophenol          | 6.000         | J | 2.8   | 6.6  | ug/Kg |
| P4368-03  | MDL-SOIL-03-QT4-2024 | Solid  | Phenanthrene               | 7.400         |   | 0.63  | 3.3  | ug/Kg |
| P4368-03  | MDL-SOIL-03-QT4-2024 | Solid  | Pyrene                     | 7.300         |   | 0.95  | 3.3  | ug/Kg |
| P4368-03  | MDL-SOIL-03-QT4-2024 | Solid  | Total PAH                  | 114.000       |   | 14.61 | 52.8 | ug/Kg |

Total Svoc :

421.80

Total Concentration:

421.80

Client ID : MDL-WATER-03-QT4-2024

|          |                       |       |                           |       |   |      |     |      |
|----------|-----------------------|-------|---------------------------|-------|---|------|-----|------|
| P4368-09 | MDL-WATER-03-QT4-2024 | Water | 1,4-Dioxane               | 0.090 | J | 0.07 | 0.2 | ug/L |
| P4368-09 | MDL-WATER-03-QT4-2024 | Water | 2-Methylnaphthalene       | 0.080 | J | 0.03 | 0.1 | ug/L |
| P4368-09 | MDL-WATER-03-QT4-2024 | Water | 4-Bromophenyl-phenylether | 0.080 | J | 0.03 | 0.1 | ug/L |
| P4368-09 | MDL-WATER-03-QT4-2024 | Water | Acenaphthene              | 0.070 | J | 0.02 | 0.1 | ug/L |
| P4368-09 | MDL-WATER-03-QT4-2024 | Water | Acenaphthylene            | 0.080 | J | 0.02 | 0.1 | ug/L |
| P4368-09 | MDL-WATER-03-QT4-2024 | Water | Anthracene                | 0.090 | J | 0.02 | 0.1 | ug/L |
| P4368-09 | MDL-WATER-03-QT4-2024 | Water | Atrazine                  | 0.110 |   | 0.02 | 0.1 | ug/L |
| P4368-09 | MDL-WATER-03-QT4-2024 | Water | Benzo(a)anthracene        | 0.090 | J | 0.02 | 0.1 | ug/L |
| P4368-09 | MDL-WATER-03-QT4-2024 | Water | Benzo(a)pyrene            | 0.080 | J | 0.06 | 0.1 | ug/L |
| P4368-09 | MDL-WATER-03-QT4-2024 | Water | Benzo(b)fluoranthene      | 0.090 | J | 0.03 | 0.1 | ug/L |
| P4368-09 | MDL-WATER-03-QT4-2024 | Water | Benzo(g,h,i)perylene      | 0.080 | J | 0.04 | 0.1 | ug/L |
| P4368-09 | MDL-WATER-03-QT4-2024 | Water | Benzo(k)fluoranthene      | 0.090 | J | 0.03 | 0.1 | ug/L |
| P4368-09 | MDL-WATER-03-QT4-2024 | Water | bis(2-Chloroethyl)ether   | 0.080 | J | 0.03 | 0.1 | ug/L |
| P4368-09 | MDL-WATER-03-QT4-2024 | Water | Chrysene                  | 0.090 | J | 0.03 | 0.1 | ug/L |
| P4368-09 | MDL-WATER-03-QT4-2024 | Water | Dibenzo(a,h)anthracene    | 0.080 | J | 0.04 | 0.1 | ug/L |
| P4368-09 | MDL-WATER-03-QT4-2024 | Water | Fluoranthene              | 0.090 | J | 0.02 | 0.1 | ug/L |
| P4368-09 | MDL-WATER-03-QT4-2024 | Water | Fluorene                  | 0.080 | J | 0.02 | 0.1 | ug/L |
| P4368-09 | MDL-WATER-03-QT4-2024 | Water | Hexachlorobenzene         | 0.090 | J | 0.03 | 0.1 | ug/L |
| P4368-09 | MDL-WATER-03-QT4-2024 | Water | Hexachlorobutadiene       | 0.080 | J | 0.03 | 0.1 | ug/L |

### Hit Summary Sheet SW-846

SDG No.: BN110824

Client:

| Sample ID | Client ID                 | Parameter                  | Concentration | C | MDL  | RDL | Units |
|-----------|---------------------------|----------------------------|---------------|---|------|-----|-------|
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Indeno(1,2,3-cd)pyrene     | 0.090         | J | 0.04 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | n-Nitrosodimethylamine     | 0.080         | J | 0.03 | 0.2 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Naphthalene                | 0.080         | J | 0.02 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Pentachlorophenol          | 0.100         | J | 0.09 | 0.2 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Phenanthrene               | 0.090         | J | 0.02 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Pyrene                     | 0.090         | J | 0.02 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Total PAH                  | 1.360         | J | 0.45 | 1.6 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | 1,4-Dioxane                | 0.230         |   | 0.07 | 0.2 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | 2-Methylnaphthalene        | 0.210         |   | 0.03 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | 4,6-Dinitro-2-methylphenol | 0.170         | J | 0.14 | 0.2 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | 4-Bromophenyl-phenylether  | 0.200         |   | 0.03 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Acenaphthene               | 0.200         |   | 0.02 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Acenaphthylene             | 0.210         |   | 0.02 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Anthracene                 | 0.220         |   | 0.02 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Atrazine                   | 0.190         |   | 0.02 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Benzo(a)anthracene         | 0.220         |   | 0.02 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Benzo(a)pyrene             | 0.200         |   | 0.06 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Benzo(b)fluoranthene       | 0.220         |   | 0.03 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Benzo(g,h,i)perylene       | 0.210         |   | 0.04 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Benzo(k)fluoranthene       | 0.230         |   | 0.03 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | bis(2-Chloroethyl)ether    | 0.220         |   | 0.03 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Bis(2-ethylhexyl)phthalate | 0.190         | J | 0.14 | 0.2 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Chrysene                   | 0.230         |   | 0.03 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Dibenzo(a,h)anthracene     | 0.200         |   | 0.04 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Fluoranthene               | 0.210         |   | 0.02 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Fluorene                   | 0.210         |   | 0.02 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Hexachlorobenzene          | 0.220         |   | 0.03 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Hexachlorobutadiene        | 0.210         |   | 0.03 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Indeno(1,2,3-cd)pyrene     | 0.210         |   | 0.04 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | n-Nitrosodimethylamine     | 0.220         |   | 0.03 | 0.2 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Naphthalene                | 0.220         |   | 0.02 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Pentachlorophenol          | 0.170         | J | 0.09 | 0.2 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Phenanthrene               | 0.220         |   | 0.02 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Pyrene                     | 0.210         |   | 0.02 | 0.1 | ug/L  |
| P4368-09  | MDL-WATER-03-QT4-2\ Water | Total PAH                  | 3.420         |   | 0.45 | 1.6 | ug/L  |

**Total Svoc :**

**12.58**

**Total Concentration:**

**12.58**

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN110724

SAS No.: BN110724

SDG No.: BN110724

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

Calibration Date(s): 11/7/2024 : \_\_\_\_\_

Calibration Time(s): 10:02 \_\_\_\_\_

|                            |        |                     |        |        |                     |        |                     |       |
|----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:               |        | RRF0.1 = BN034885.D |        |        | RRF0.2 = BN034886.D |        | RRF0.4 = BN034887.D |       |
|                            |        | RRF0.8 = BN034888.D |        |        | RRF1.6 = BN034889.D |        | RRF3.2 = BN034890.D |       |
| COMPOUND                   | RRF0.1 | RRF0.2              | RRF0.4 | RRF0.8 | RRF1.6              | RRF3.2 | RRF                 | % RSD |
| 2-Methylnaphthalene-d10    | 0.527  | 0.519               | 0.491  | 0.579  | 0.577               | 0.548  | 0.545               | 6.3   |
| Fluoranthene-d10           | 0.801  | 0.845               | 0.801  | 0.971  | 0.976               | 0.947  | 0.902               | 9.2   |
| n-Nitrosodimethylamine     | 0.697  | 0.715               | 0.621  | 0.753  | 0.712               | 0.643  | 0.682               | 7.3   |
| 2-Fluorophenol             | 1.137  | 1.131               | 1.007  | 1.180  | 1.146               | 1.082  | 1.115               | 5.0   |
| Phenol-d6                  | 1.438  | 1.439               | 1.299  | 1.582  | 1.550               | 1.495  | 1.480               | 6.6   |
| bis(2-Chloroethyl)ether    | 1.316  | 1.267               | 1.170  | 1.389  | 1.336               | 1.230  | 1.277               | 5.8   |
| Nitrobenzene-d5            | 0.314  | 0.301               | 0.280  | 0.327  | 0.324               | 0.313  | 0.312               | 5.4   |
| Naphthalene                | 1.110  | 1.086               | 1.028  | 1.181  | 1.166               | 1.089  | 1.110               | 4.6   |
| Hexachlorobutadiene        | 0.183  | 0.180               | 0.167  | 0.189  | 0.182               | 0.168  | 0.177               | 4.9   |
| 2-Methylnaphthalene        | 0.647  | 0.641               | 0.612  | 0.725  | 0.723               | 0.691  | 0.679               | 6.8   |
| 2-Fluorobiphenyl           | 1.753  | 1.737               | 1.540  | 1.788  | 1.747               | 1.620  | 1.690               | 5.3   |
| Acenaphthylene             | 1.833  | 1.826               | 1.672  | 2.034  | 2.040               | 2.003  | 1.929               | 8.0   |
| Acenaphthene               | 1.292  | 1.281               | 1.176  | 1.430  | 1.412               | 1.352  | 1.335               | 6.8   |
| Fluorene                   | 1.614  | 1.600               | 1.463  | 1.774  | 1.779               | 1.680  | 1.662               | 6.8   |
| 4,6-Dinitro-2-methylphenol |        | 0.033               | 0.032  | 0.040  | 0.044               | 0.052  | 0.044               | 26.2  |
| 2,4,6-Tribromophenol       | 0.083  | 0.094               | 0.087  | 0.121  | 0.129               | 0.142  | 0.118               | 26.5  |
| 4-Bromophenyl-phenylether  | 0.212  | 0.201               | 0.202  | 0.220  | 0.219               | 0.216  | 0.213               | 4.1   |
| Hexachlorobenzene          | 0.262  | 0.255               | 0.252  | 0.268  | 0.260               | 0.252  | 0.257               | 2.6   |
| Atrazine                   | 0.128  | 0.136               | 0.133  | 0.162  | 0.169               | 0.173  | 0.154               | 13.8  |
| Pentachlorophenol          |        | 0.055               | 0.055  | 0.074  | 0.079               | 0.092  | 0.077               | 26.6  |
| Phenanthrene               | 1.218  | 1.168               | 1.162  | 1.303  | 1.276               | 1.239  | 1.227               | 4.2   |
| Anthracene                 | 0.965  | 0.963               | 0.963  | 1.121  | 1.116               | 1.119  | 1.058               | 8.4   |
| Fluoranthene               | 1.112  | 1.183               | 1.135  | 1.414  | 1.418               | 1.385  | 1.291               | 10.9  |
| Pyrene                     | 2.180  | 2.005               | 1.990  | 2.107  | 2.033               | 1.945  | 2.025               | 4.5   |
| Terphenyl-d14              | 0.788  | 0.750               | 0.743  | 0.777  | 0.750               | 0.715  | 0.749               | 3.5   |
| Benzo (a) anthracene       | 1.450  | 1.472               | 1.423  | 1.663  | 1.663               | 1.622  | 1.559               | 6.8   |
| Chrysene                   | 1.632  | 1.632               | 1.583  | 1.768  | 1.709               | 1.625  | 1.650               | 3.9   |
| Bis(2-ethylhexyl)phthalate | 0.984  | 0.873               | 0.720  | 0.881  | 0.838               | 0.922  | 0.895               | 11.8  |
| Benzo (b) fluoranthene     | 1.685  | 1.601               | 1.752  | 1.900  | 1.814               | 1.765  | 1.757               | 5.4   |
| Benzo (k) fluoranthene     | 1.763  | 1.746               | 1.724  | 1.982  | 1.931               | 1.812  | 1.828               | 5.3   |
| Benzo (a) pyrene           | 1.308  | 1.249               | 1.339  | 1.475  | 1.469               | 1.438  | 1.396               | 6.9   |
| Indeno (1,2,3-cd) pyrene   | 1.810  | 1.753               | 1.680  | 1.845  | 1.868               | 1.733  | 1.782               | 3.7   |
| Dibenzo (a,h) anthracene   | 1.389  | 1.356               | 1.304  | 1.423  | 1.447               | 1.347  | 1.379               | 3.5   |
| Benzo (g,h,i) perylene     | 1.482  | 1.434               | 1.483  | 1.485  | 1.509               | 1.407  | 1.464               | 2.4   |
| 1,4-Dioxane                | 0.563  | 0.562               | 0.474  | 0.530  | 0.498               | 0.470  | 0.505               | 9.4   |

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.: BN110824 SAS No.: BN110824 SDG NO.: BN110824

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Nov 8 2024 12:00AM

Lab File ID: BN034887.D Time Analyzed: 09:05

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                | 5878                | 7.575 | 16847               | 10.34 | 7757                | 14.21  |
| UPPER LIMIT                | 11756               | 8.075 | 33694               | 10.84 | 15514               | 14.711 |
| LOWER LIMIT                | 2939                | 7.075 | 8423.5              | 9.84  | 3878.5              | 13.711 |
| EPA SAMPLE NO.             |                     |       |                     |       |                     |        |
| 01 PB164234BL              | 7616                | 7.58  | 21750               | 10.34 | 9447                | 14.20  |
| 02 MDL-SOIL-03-QT4-2024    | 7662                | 7.58  | 23245               | 10.34 | 11060               | 14.21  |
| 03 MDL-SOIL-03-QT4-2024    | 4985                | 7.58  | 14730               | 10.34 | 6925                | 14.21  |
| 04 MDL-WATER-03-QT4-2024   | 7818                | 7.57  | 23416               | 10.34 | 11128               | 14.21  |
| 05 MDL-WATER-03-QT4-2024   | 4970                | 7.58  | 14679               | 10.34 | 6913                | 14.20  |
| 06 PB164235BL              | 5987                | 7.58  | 17079               | 10.34 | 7385                | 14.21  |
| 07 BP-BPOW6-7-GW-20241030  | 5186                | 7.58  | 15083               | 10.34 | 6739                | 14.20  |
| 08 BP-BPOW6-11-GW-20241031 | 5457                | 7.58  | 15845               | 10.34 | 7293                | 14.21  |
| 09 BP-BPOW6-8-GW-20241101  | 5705                | 7.58  | 16698               | 10.34 | 7609                | 14.21  |
| 10 PB164705BS              | 6394                | 7.58  | 18264               | 10.34 | 8109                | 14.21  |
| 11 PB164705BSD             | 6255                | 7.58  | 17867               | 10.34 | 7947                | 14.21  |
| 12 PB164705BL              | 6271                | 7.58  | 17552               | 10.34 | 7420                | 14.20  |

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.: BN110824 SAS No.: BN110824 SDG NO.: BN110824

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Nov 8 2024 12:00AM

Lab File ID: BN034898.D Time Analyzed: 09:05

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                | 6102                | 7.575 | 18171               | 10.34 | 8711                | 14.20  |
| UPPER LIMIT                | 12204               | 8.075 | 36342               | 10.84 | 17422               | 14.701 |
| LOWER LIMIT                | 3051                | 7.075 | 9085.5              | 9.84  | 4355.5              | 13.701 |
| EPA SAMPLE NO.             |                     |       |                     |       |                     |        |
| 01 PB164234BL              | 7616                | 7.58  | 21750               | 10.34 | 9447                | 14.20  |
| 02 MDL-SOIL-03-QT4-2024    | 7662                | 7.58  | 23245               | 10.34 | 11060               | 14.21  |
| 03 MDL-SOIL-03-QT4-2024    | 4985                | 7.58  | 14730               | 10.34 | 6925                | 14.21  |
| 04 MDL-WATER-03-QT4-2024   | 7818                | 7.57  | 23416               | 10.34 | 11128               | 14.21  |
| 05 MDL-WATER-03-QT4-2024   | 4970                | 7.58  | 14679               | 10.34 | 6913                | 14.20  |
| 06 PB164235BL              | 5987                | 7.58  | 17079               | 10.34 | 7385                | 14.21  |
| 07 BP-BPOW6-7-GW-20241030  | 5186                | 7.58  | 15083               | 10.34 | 6739                | 14.20  |
| 08 BP-BPOW6-11-GW-20241031 | 5457                | 7.58  | 15845               | 10.34 | 7293                | 14.21  |
| 09 BP-BPOW6-8-GW-20241101  | 5705                | 7.58  | 16698               | 10.34 | 7609                | 14.21  |
| 10 PB164705BS              | 6394                | 7.58  | 18264               | 10.34 | 8109                | 14.21  |
| 11 PB164705BSD             | 6255                | 7.58  | 17867               | 10.34 | 7947                | 14.21  |
| 12 PB164705BL              | 6271                | 7.58  | 17552               | 10.34 | 7420                | 14.20  |

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.: BN110824 SAS No.: BN110824 SDG NO.: BN110824

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Nov 8 2024 12:00AM

Lab File ID: BN034887.D Time Analyzed: 09:05

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 #   |
|----|-------------------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 01 | 12 HOUR STD             | 14504               | 16.957 | 8221                | 21.151 | 6835                | 23.317 |
|    | UPPER LIMIT             | 29008               | 17.457 | 16442               | 21.651 | 13670               | 23.817 |
|    | LOWER LIMIT             | 7252                | 16.457 | 4110.5              | 20.651 | 3417.5              | 22.817 |
|    | EPA SAMPLE NO.          |                     |        |                     |        |                     |        |
|    | PB164234BL              | 19820               | 16.96  | 11091               | 21.14  | 9412                | 23.32  |
|    | MDL-SOIL-03-QT4-2024    | 22355               | 16.95  | 13873               | 21.15  | 11983               | 23.32  |
|    | MDL-SOIL-03-QT4-2024    | 14040               | 16.95  | 8598                | 21.15  | 7109                | 23.32  |
|    | MDL-WATER-03-QT4-2024   | 22135               | 16.95  | 13920               | 21.15  | 12386               | 23.32  |
|    | MDL-WATER-03-QT4-2024   | 13893               | 16.96  | 8589                | 21.14  | 7536                | 23.32  |
|    | PB164235BL              | 14844               | 16.95  | 8034                | 21.15  | 6658                | 23.32  |
| 07 | BP-BPOW6-7-GW-20241030  | 13647               | 16.96  | 8571                | 21.15  | 6880                | 23.32  |
| 08 | BP-BPOW6-11-GW-20241031 | 14785               | 16.95  | 9375                | 21.15  | 7760                | 23.32  |
| 09 | BP-BPOW6-8-GW-20241101  | 15639               | 16.95  | 9493                | 21.15  | 7807                | 23.32  |
| 10 | PB164705BS              | 16416               | 16.95  | 9189                | 21.15  | 6982                | 23.32  |
| 11 | PB164705BSD             | 15963               | 16.95  | 9019                | 21.15  | 6770                | 23.32  |
| 12 | PB164705BL              | 15255               | 16.96  | 8049                | 21.15  | 6373                | 23.32  |

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.: BN110824 SAS No.: BN110824 SDG NO.: BN110824

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Nov 8 2024 12:00AM

Lab File ID: BN034898.D Time Analyzed: 09:05

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 #   |
|----|-------------------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 01 | 12 HOUR STD             | 17291               | 16.957 | 11255               | 21.143 | 9481                | 23.315 |
|    | UPPER LIMIT             | 34582               | 17.457 | 22510               | 21.643 | 18962               | 23.815 |
|    | LOWER LIMIT             | 8645.5              | 16.457 | 5627.5              | 20.643 | 4740.5              | 22.815 |
|    | EPA SAMPLE NO.          |                     |        |                     |        |                     |        |
|    | PB164234BL              | 19820               | 16.96  | 11091               | 21.14  | 9412                | 23.32  |
|    | MDL-SOIL-03-QT4-2024    | 22355               | 16.95  | 13873               | 21.15  | 11983               | 23.32  |
|    | MDL-SOIL-03-QT4-2024    | 14040               | 16.95  | 8598                | 21.15  | 7109                | 23.32  |
|    | MDL-WATER-03-QT4-2024   | 22135               | 16.95  | 13920               | 21.15  | 12386               | 23.32  |
|    | MDL-WATER-03-QT4-2024   | 13893               | 16.96  | 8589                | 21.14  | 7536                | 23.32  |
|    | PB164235BL              | 14844               | 16.95  | 8034                | 21.15  | 6658                | 23.32  |
| 07 | BP-BPOW6-7-GW-20241030  | 13647               | 16.96  | 8571                | 21.15  | 6880                | 23.32  |
| 08 | BP-BPOW6-11-GW-20241031 | 14785               | 16.95  | 9375                | 21.15  | 7760                | 23.32  |
| 09 | BP-BPOW6-8-GW-20241101  | 15639               | 16.95  | 9493                | 21.15  | 7807                | 23.32  |
| 10 | PB164705BS              | 16416               | 16.95  | 9189                | 21.15  | 6982                | 23.32  |
| 11 | PB164705BSD             | 15963               | 16.95  | 9019                | 21.15  | 6770                | 23.32  |
| 12 | PB164705BL              | 15255               | 16.96  | 8049                | 21.15  | 6373                | 23.32  |

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.: BN110824

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

Analytical Method: **8270-Modified**

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | RPD  |      | Limits |      | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |      |     |     | Qual | Qual | Low    | High |     |
| PB164705BS    | n-Nitrosodimethylamine     | 0.4   | 0.35   | ug/L | 88  |     |      |      | 33     | 130  |     |
|               | bis(2-Chloroethyl)ether    | 0.4   | 0.35   | ug/L | 88  |     |      |      | 55     | 118  |     |
|               | Naphthalene                | 0.4   | 0.34   | ug/L | 85  |     |      |      | 67     | 120  |     |
|               | Hexachlorobutadiene        | 0.4   | 0.33   | ug/L | 83  |     |      |      | 33     | 114  |     |
|               | 2-Methylnaphthalene        | 0.4   | 0.33   | ug/L | 83  |     |      |      | 50     | 122  |     |
|               | Acenaphthylene             | 0.4   | 0.34   | ug/L | 85  |     |      |      | 60     | 119  |     |
|               | Acenaphthene               | 0.4   | 0.34   | ug/L | 85  |     |      |      | 65     | 119  |     |
|               | Total PAH                  | 6.4   | 5.6    | ug/L | 88  |     |      |      | 65     | 119  |     |
|               | Fluorene                   | 0.4   | 0.33   | ug/L | 83  |     |      |      | 58     | 122  |     |
|               | 4,6-Dinitro-2-methylphenol | 0.4   | 0.34   | ug/L | 85  |     |      |      | 20     | 150  |     |
|               | 4-Bromophenyl-phenylether  | 0.4   | 0.32   | ug/L | 80  |     |      |      | 20     | 150  |     |
|               | Hexachlorobenzene          | 0.4   | 0.33   | ug/L | 83  |     |      |      | 62     | 127  |     |
|               | Atrazine                   | 0.4   | 0.32   | ug/L | 80  |     |      |      | 20     | 150  |     |
|               | Pentachlorophenol          | 0.8   | 0.53   | ug/L | 66  |     |      |      | 10     | 137  |     |
|               | Phenanthrene               | 0.4   | 0.35   | ug/L | 88  |     |      |      | 65     | 117  |     |
|               | Anthracene                 | 0.4   | 0.35   | ug/L | 88  |     |      |      | 57     | 118  |     |
|               | Fluoranthene               | 0.4   | 0.32   | ug/L | 80  |     |      |      | 53     | 126  |     |
|               | Pyrene                     | 0.4   | 0.36   | ug/L | 90  |     |      |      | 54     | 124  |     |
|               | Benzo(a)anthracene         | 0.4   | 0.35   | ug/L | 88  |     |      |      | 54     | 130  |     |
|               | Chrysene                   | 0.4   | 0.37   | ug/L | 93  |     |      |      | 64     | 126  |     |
|               | bis(2-Ethylhexyl)phthalate | 0.4   | 0.29   | ug/L | 73  |     |      |      | 40     | 137  |     |
|               | Benzo(b)fluoranthene       | 0.4   | 0.38   | ug/L | 95  |     |      |      | 65     | 121  |     |
|               | Benzo(k)fluoranthene       | 0.4   | 0.36   | ug/L | 90  |     |      |      | 72     | 119  |     |
|               | Benzo(a)pyrene             | 0.4   | 0.39   | ug/L | 98  |     |      |      | 68     | 120  |     |
|               | Indeno(1,2,3-cd)pyrene     | 0.4   | 0.34   | ug/L | 85  |     |      |      | 70     | 127  |     |
|               | Dibenz(a,h)anthracene      | 0.4   | 0.34   | ug/L | 85  |     |      |      | 65     | 121  |     |
|               | Benzo(g,h,i)perylene       | 0.4   | 0.34   | ug/L | 85  |     |      |      | 76     | 117  |     |
|               | 1,4-Dioxane                | 0.4   | 0.29   | ug/L | 73  |     |      |      | 42     | 127  |     |
| PB164705BSD   | n-Nitrosodimethylamine     | 0.4   | 0.34   | ug/L | 85  | 3   |      |      | 33     | 130  | 20  |
|               | bis(2-Chloroethyl)ether    | 0.4   | 0.34   | ug/L | 85  | 3   |      |      | 55     | 118  | 20  |
|               | Naphthalene                | 0.4   | 0.34   | ug/L | 85  | 0   |      |      | 67     | 120  | 20  |
|               | Hexachlorobutadiene        | 0.4   | 0.33   | ug/L | 83  | 0   |      |      | 33     | 114  | 20  |
|               | 2-Methylnaphthalene        | 0.4   | 0.33   | ug/L | 83  | 0   |      |      | 50     | 122  | 20  |
|               | Acenaphthylene             | 0.4   | 0.34   | ug/L | 85  | 0   |      |      | 60     | 119  | 20  |
|               | Acenaphthene               | 0.4   | 0.33   | ug/L | 83  | 3   |      |      | 65     | 119  | 20  |
|               | Total PAH                  | 6.4   | 5.57   | ug/L | 87  | 1   |      |      | 65     | 119  | 20  |
|               | Fluorene                   | 0.4   | 0.32   | ug/L | 80  | 3   |      |      | 58     | 122  | 20  |
|               | 4,6-Dinitro-2-methylphenol | 0.4   | 0.33   | ug/L | 83  | 3   |      |      | 20     | 150  | 20  |
|               | 4-Bromophenyl-phenylether  | 0.4   | 0.32   | ug/L | 80  | 0   |      |      | 20     | 150  | 20  |
|               | Hexachlorobenzene          | 0.4   | 0.34   | ug/L | 85  | 3   |      |      | 62     | 127  | 20  |
|               | Atrazine                   | 0.4   | 0.31   | ug/L | 78  | 3   |      |      | 20     | 150  | 20  |
|               | Pentachlorophenol          | 0.8   | 0.52   | ug/L | 65  | 2   |      |      | 10     | 137  | 20  |
|               | Phenanthrene               | 0.4   | 0.35   | ug/L | 88  | 0   |      |      | 65     | 117  | 20  |
|               | Anthracene                 | 0.4   | 0.35   | ug/L | 88  | 0   |      |      | 57     | 118  | 20  |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN110824

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

Analytical Method: **8270-Modified**

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | RPD  |      | Limits |      |     |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |      |     |     | Qual | Qual | Low    | High | RPD |
| PB164705BSD   | Fluoranthene               | 0.4   | 0.32   | ug/L | 80  | 0   |      |      | 53     | 126  | 20  |
|               | Pyrene                     | 0.4   | 0.36   | ug/L | 90  | 0   |      |      | 54     | 124  | 20  |
|               | Benzo(a)anthracene         | 0.4   | 0.35   | ug/L | 88  | 0   |      |      | 54     | 130  | 20  |
|               | Chrysene                   | 0.4   | 0.37   | ug/L | 93  | 0   |      |      | 64     | 126  | 20  |
|               | bis(2-Ethylhexyl)phthalate | 0.4   | 0.29   | ug/L | 73  | 0   |      |      | 40     | 137  | 20  |
|               | Benzo(b)fluoranthene       | 0.4   | 0.38   | ug/L | 95  | 0   |      |      | 65     | 121  | 20  |
|               | Benzo(k)fluoranthene       | 0.4   | 0.36   | ug/L | 90  | 0   |      |      | 72     | 119  | 20  |
|               | Benzo(a)pyrene             | 0.4   | 0.38   | ug/L | 95  | 3   |      |      | 68     | 120  | 20  |
|               | Indeno(1,2,3-cd)pyrene     | 0.4   | 0.34   | ug/L | 85  | 0   |      |      | 70     | 127  | 20  |
|               | Dibenz(a,h)anthracene      | 0.4   | 0.34   | ug/L | 85  | 0   |      |      | 65     | 121  | 20  |
|               | Benzo(g,h,i)perylene       | 0.4   | 0.34   | ug/L | 85  | 0   |      |      | 76     | 117  | 20  |
|               | 1,4-Dioxane                | 0.4   | 0.28   | ug/L | 70  | 4   |      |      | 42     | 127  | 20  |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164234BL

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN110824

SAS No.: BN110824 SDG NO.: BN110824

Lab File ID: BN034899.D

Lab Sample ID: PB164234BL

Instrument ID: BNA\_N

Date Extracted: 10/18/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/08/2024

Level: (low/med) LOW

Time Analyzed: 09:05

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 |
|----------------------|------------------|----------------|------------------|
| MDL-SOIL-03-QT4-2024 | P4368-03         | BN034900.D     | 11/08/2024       |
| MDL-SOIL-03-QT4-2024 | P4368-03         | BN034901.D     | 11/08/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164235BL

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN110824

SAS No.: BN110824 SDG NO.: BN110824

Lab File ID: BN034904.D

Lab Sample ID: PB164235BL

Instrument ID: BNA\_N

Date Extracted: 10/18/2024

Matrix: (soil/water) Water

Date Analyzed: 11/08/2024

Level: (low/med) LOW

Time Analyzed: 12:24

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

| EPA<br>SAMPLE NO.     | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-----------------------|------------------|----------------|------------------|
| MDL-WATER-03-QT4-2024 | P4368-09         | BN034902.D     | 11/08/2024       |
| MDL-WATER-03-QT4-2024 | P4368-09         | BN034903.D     | 11/08/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164705BL

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN110824

SAS No.: BN110824 SDG NO.: BN110824

Lab File ID: BN034910.D

Lab Sample ID: PB164705BL

Instrument ID: BNA\_N

Date Extracted: 11/06/2024

Matrix: (soil/water) Water

Date Analyzed: 11/08/2024

Level: (low/med) LOW

Time Analyzed: 16:05

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 |
|-------------------------|------------------|----------------|------------------|
| BP-BPOW6-7-GW-20241030  | P4710-02         | BN034905.D     | 11/08/2024       |
| BP-BPOW6-11-GW-20241031 | P4710-03         | BN034906.D     | 11/08/2024       |
| BP-BPOW6-8-GW-20241101  | P4710-04         | BN034907.D     | 11/08/2024       |
| PB164705BS              | PB164705BS       | BN034908.D     | 11/08/2024       |
| PB164705BSD             | PB164705BSD      | BN034909.D     | 11/08/2024       |

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

## Surrogate Summary

SW-846

SDG No.: BN110824

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

Analytical Method: 8270-Modified

| Lab Sample ID | Client ID                   | Datafile   | Parameter               | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------------------------|------------|-------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                             |            |                         |                |                 |              |      | Low        | High |
| P4368-03      | MDL-SOIL-03-QT <sup>2</sup> | BN034900.D | 2-Methylnaphthalene-d10 | 0.4            | 0.41            | 103          |      | 17         | 161  |
|               |                             | BN034901.D | 2-Methylnaphthalene-d10 | 0.4            | 0.56            | 139          |      | 17         | 161  |
|               |                             |            | Fluoranthene-d10        | 0.4            | 0.60            | 149          | *    | 23         | 138  |
|               |                             | BN034900.D | Fluoranthene-d10        | 0.4            | 0.44            | 110          |      | 23         | 138  |
|               |                             |            | 2-Fluorophenol          | 0.4            | 0.23            | 57           |      | 28         | 122  |
|               |                             | BN034901.D | 2-Fluorophenol          | 0.4            | 0.32            | 79           |      | 28         | 122  |
|               |                             |            | Phenol-d6               | 0.4            | 0.32            | 80           |      | 25         | 125  |
|               |                             | BN034900.D | Phenol-d6               | 0.4            | 0.24            | 59           |      | 25         | 125  |
|               |                             |            | Nitrobenzene-d5         | 0.4            | 0.26            | 64           |      | 33         | 121  |
|               |                             | BN034901.D | Nitrobenzene-d5         | 0.4            | 0.35            | 87           |      | 33         | 121  |
|               |                             | BN034900.D | 2-Fluorobiphenyl        | 0.4            | 0.26            | 65           |      | 32         | 121  |
|               |                             | BN034901.D | 2-Fluorobiphenyl        | 0.4            | 0.36            | 89           |      | 32         | 121  |
|               |                             |            | 2,4,6-Tribromophenol    | 0.4            | 0.32            | 79           |      | 19         | 110  |
|               |                             | BN034900.D | 2,4,6-Tribromophenol    | 0.4            | 0.25            | 62           |      | 19         | 110  |
|               |                             |            | Terphenyl-d14           | 0.4            | 0.30            | 75           |      | 21         | 130  |
|               |                             | BN034901.D | Terphenyl-d14           | 0.4            | 0.38            | 94           |      | 21         | 130  |
| PB164234BL    | PB164234BL                  | BN034899.D | 2-Methylnaphthalene-d10 | 0.4            | 0.38            | 94           |      | 17         | 161  |
|               |                             |            | Fluoranthene-d10        | 0.4            | 0.40            | 100          |      | 23         | 138  |
|               |                             |            | 2-Fluorophenol          | 0.4            | 0.38            | 94           |      | 28         | 122  |
|               |                             |            | Phenol-d6               | 0.4            | 0.37            | 94           |      | 25         | 125  |
|               |                             |            | Nitrobenzene-d5         | 0.4            | 0.39            | 97           |      | 33         | 121  |
|               |                             |            | 2-Fluorobiphenyl        | 0.4            | 0.41            | 102          |      | 32         | 121  |
|               |                             |            | 2,4,6-Tribromophenol    | 0.4            | 0.28            | 69           |      | 19         | 110  |
|               |                             |            | Terphenyl-d14           | 0.4            | 0.51            | 127          |      | 21         | 130  |

## Surrogate Summary

SW-846

SDG No.: BN110824

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

Analytical Method: 8270-Modified

| Lab Sample ID | Client ID      | Datafile   | Parameter               | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|----------------|------------|-------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                |            |                         |                |                 |              |      | Low        | High |
| P4368-09      | MDL-WATER-03-C | BN034902.D | 2-Methylnaphthalene-d10 | 0.4            | 0.42            | 104          |      | 20         | 139  |
|               |                | BN034903.D | 2-Methylnaphthalene-d10 | 0.4            | 0.56            | 140          | *    | 20         | 139  |
|               |                |            | Fluoranthene-d10        | 0.4            | 0.60            | 150          |      | 30         | 150  |
|               |                | BN034902.D | Fluoranthene-d10        | 0.4            | 0.44            | 110          |      | 30         | 150  |
|               |                | BN034903.D | 2-Fluorophenol          | 0.4            | 0.31            | 76           |      | 10         | 100  |
|               |                | BN034902.D | 2-Fluorophenol          | 0.4            | 0.23            | 56           |      | 10         | 100  |
|               |                |            | Phenol-d6               | 0.4            | 0.23            | 58           |      | 10         | 100  |
|               |                | BN034903.D | Phenol-d6               | 0.4            | 0.31            | 78           |      | 10         | 100  |
|               |                |            | Nitrobenzene-d5         | 0.4            | 0.35            | 88           |      | 27         | 123  |
|               |                | BN034902.D | Nitrobenzene-d5         | 0.4            | 0.27            | 67           |      | 27         | 123  |
|               |                |            | 2-Fluorobiphenyl        | 0.4            | 0.26            | 65           |      | 34         | 132  |
|               |                | BN034903.D | 2-Fluorobiphenyl        | 0.4            | 0.35            | 88           |      | 34         | 132  |
|               |                |            | 2,4,6-Tribromophenol    | 0.4            | 0.31            | 77           |      | 10         | 131  |
|               |                | BN034902.D | 2,4,6-Tribromophenol    | 0.4            | 0.24            | 59           |      | 10         | 131  |
|               |                |            | Terphenyl-d14           | 0.4            | 0.29            | 74           |      | 35         | 157  |
|               |                | BN034903.D | Terphenyl-d14           | 0.4            | 0.37            | 93           |      | 35         | 157  |
| PB164235BL    | PB164235BL     | BN034904.D | 2-Methylnaphthalene-d10 | 0.4            | 0.37            | 93           |      | 20         | 139  |
|               |                |            | Fluoranthene-d10        | 0.4            | 0.40            | 99           |      | 30         | 150  |
|               |                |            | 2-Fluorophenol          | 0.4            | 0.37            | 92           |      | 10         | 100  |
|               |                |            | Phenol-d6               | 0.4            | 0.37            | 92           |      | 10         | 100  |
|               |                |            | Nitrobenzene-d5         | 0.4            | 0.38            | 96           |      | 27         | 123  |
|               |                |            | 2-Fluorobiphenyl        | 0.4            | 0.41            | 102          |      | 34         | 132  |
|               |                |            | 2,4,6-Tribromophenol    | 0.4            | 0.27            | 67           |      | 10         | 131  |
|               |                |            | Terphenyl-d14           | 0.4            | 0.52            | 131          |      | 35         | 157  |

## Surrogate Summary

SW-846

SDG No.: **BN110824**

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

Analytical Method: **8270-Modified**

| Lab Sample ID | Client ID                | Datafile   | Parameter               | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|--------------------------|------------|-------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                          |            |                         |                |                 |              |      | Low        | High |
| P4710-02      | BP-BPOW6-7-GW-BN034905.D |            | 2-Methylnaphthalene-d10 | 0.4            | 0.32            | 81           |      | 20         | 139  |
|               |                          |            | Fluoranthene-d10        | 0.4            | 0.38            | 96           |      | 30         | 150  |
|               |                          |            | 2-Fluorophenol          | 0.4            | 0.20            | 51           |      | 10         | 100  |
|               |                          |            | Phenol-d6               | 0.4            | 0.13            | 33           |      | 10         | 100  |
|               |                          |            | Nitrobenzene-d5         | 0.4            | 0.34            | 85           |      | 27         | 123  |
|               |                          |            | 2-Fluorobiphenyl        | 0.4            | 0.39            | 98           |      | 34         | 132  |
|               |                          |            | 2,4,6-Tribromophenol    | 0.4            | 0.34            | 86           |      | 10         | 131  |
|               |                          |            | Terphenyl-d14           | 0.4            | 0.46            | 114          |      | 35         | 157  |
| P4710-03      | BP-BPOW6-11-GWBN034906.D |            | 2-Methylnaphthalene-d10 | 0.4            | 0.32            | 79           |      | 20         | 139  |
|               |                          |            | Fluoranthene-d10        | 0.4            | 0.37            | 93           |      | 30         | 150  |
|               |                          |            | 2-Fluorophenol          | 0.4            | 0.19            | 47           |      | 10         | 100  |
|               |                          |            | Phenol-d6               | 0.4            | 0.12            | 30           |      | 10         | 100  |
|               |                          |            | Nitrobenzene-d5         | 0.4            | 0.33            | 82           |      | 27         | 123  |
|               |                          |            | 2-Fluorobiphenyl        | 0.4            | 0.35            | 86           |      | 34         | 132  |
|               |                          |            | 2,4,6-Tribromophenol    | 0.4            | 0.31            | 78           |      | 10         | 131  |
|               |                          |            | Terphenyl-d14           | 0.4            | 0.42            | 104          |      | 35         | 157  |
| P4710-04      | BP-BPOW6-8-GW-BN034907.D |            | 2-Methylnaphthalene-d10 | 0.4            | 0.32            | 81           |      | 20         | 139  |
|               |                          |            | Fluoranthene-d10        | 0.4            | 0.39            | 96           |      | 30         | 150  |
|               |                          |            | 2-Fluorophenol          | 0.4            | 0.12            | 30           |      | 10         | 100  |
|               |                          |            | Phenol-d6               | 0.4            | 0.07            | 19           |      | 10         | 100  |
|               |                          |            | Nitrobenzene-d5         | 0.4            | 0.33            | 83           |      | 27         | 123  |
|               |                          |            | 2-Fluorobiphenyl        | 0.4            | 0.36            | 89           |      | 34         | 132  |
|               |                          |            | 2,4,6-Tribromophenol    | 0.4            | 0.30            | 74           |      | 10         | 131  |
|               |                          |            | Terphenyl-d14           | 0.4            | 0.44            | 111          |      | 35         | 157  |
| PB164705BL    | PB164705BL               | BN034910.D | 2-Methylnaphthalene-d10 | 0.4            | 0.34            | 84           |      | 20         | 139  |
|               |                          |            | Fluoranthene-d10        | 0.4            | 0.36            | 90           |      | 30         | 150  |
|               |                          |            | 2-Fluorophenol          | 0.4            | 0.33            | 83           |      | 10         | 100  |
|               |                          |            | Phenol-d6               | 0.4            | 0.33            | 83           |      | 10         | 100  |
|               |                          |            | Nitrobenzene-d5         | 0.4            | 0.35            | 88           |      | 27         | 123  |
|               |                          |            | 2-Fluorobiphenyl        | 0.4            | 0.38            | 95           |      | 34         | 132  |
|               |                          |            | 2,4,6-Tribromophenol    | 0.4            | 0.20            | 50           |      | 10         | 131  |
|               |                          |            | Terphenyl-d14           | 0.4            | 0.47            | 117          |      | 35         | 157  |
| PB164705BS    | PB164705BS               | BN034908.D | 2-Methylnaphthalene-d10 | 0.4            | 0.40            | 100          |      | 20         | 139  |
|               |                          |            | Fluoranthene-d10        | 0.4            | 0.33            | 81           |      | 30         | 150  |
|               |                          |            | 2-Fluorophenol          | 0.4            | 0.32            | 79           |      | 10         | 100  |
|               |                          |            | Phenol-d6               | 0.4            | 0.32            | 79           |      | 10         | 100  |
|               |                          |            | Nitrobenzene-d5         | 0.4            | 0.33            | 83           |      | 27         | 123  |
|               |                          |            | 2-Fluorobiphenyl        | 0.4            | 0.34            | 85           |      | 34         | 132  |
|               |                          |            | 2,4,6-Tribromophenol    | 0.4            | 0.29            | 73           |      | 10         | 131  |
|               |                          |            | Terphenyl-d14           | 0.4            | 0.38            | 95           |      | 35         | 157  |
| PB164705BSD   | PB164705BSD              | BN034909.D | 2-Methylnaphthalene-d10 | 0.4            | 0.39            | 98           |      | 20         | 139  |
|               |                          |            | Fluoranthene-d10        | 0.4            | 0.33            | 82           |      | 30         | 150  |
|               |                          |            | 2-Fluorophenol          | 0.4            | 0.31            | 78           |      | 10         | 100  |
|               |                          |            | Phenol-d6               | 0.4            | 0.32            | 79           |      | 10         | 100  |
|               |                          |            | Nitrobenzene-d5         | 0.4            | 0.33            | 82           |      | 27         | 123  |
|               |                          |            | 2-Fluorobiphenyl        | 0.4            | 0.34            | 85           |      | 34         | 132  |
|               |                          |            | 2,4,6-Tribromophenol    | 0.4            | 0.30            | 75           |      | 10         | 131  |
|               |                          |            | Terphenyl-d14           | 0.4            | 0.38            | 95           |      | 35         | 157  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN110824

Lab Code: CHEM

SAS No.: BN110824 SDG NO.: BN110824

Lab File ID: BN034897.D

DFTPP Injection Date: 11/08/2024

Instrument ID: BNA\_N

DFTPP Injection Time: 07:50

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 65.5                 |
| 68  | Less than 2.0% of mass 69          | 0.9 ( 1.6 ) 1        |
| 69  | Mass 69 relative abundance         | 56.3                 |
| 70  | Less than 2.0% of mass 69          | 0.3 ( 0.5 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 63.8                 |
| 197 | Less than 2.0% of mass 198         | 0.5                  |
| 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           | 20.3                 |
| 365 | Greater than 1% of mass 198        | 2.3                  |
| 441 | Present, but less than mass 443    | 7                    |
| 442 | Greater than 50% of mass 198       | 43.5                 |
| 443 | 15.0 - 24.0% of mass 442           | 8.1 ( 18.6 ) 2       |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO.       | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------------|------------------|----------------|------------------|------------------|
| SSTDCCC0.4              | SSTDCCC0.4       | BN034898.D     | 11/08/2024       | 08:29            |
| PB164234BL              | PB164234BL       | BN034899.D     | 11/08/2024       | 09:05            |
| MDL-SOIL-03-QT4-2024    | P4368-03         | BN034900.D     | 11/08/2024       | 09:41            |
| MDL-SOIL-03-QT4-2024    | P4368-03         | BN034901.D     | 11/08/2024       | 10:17            |
| MDL-WATER-03-QT4-2024   | P4368-09         | BN034902.D     | 11/08/2024       | 11:12            |
| MDL-WATER-03-QT4-2024   | P4368-09         | BN034903.D     | 11/08/2024       | 11:48            |
| PB164235BL              | PB164235BL       | BN034904.D     | 11/08/2024       | 12:24            |
| BP-BPOW6-7-GW-20241030  | P4710-02         | BN034905.D     | 11/08/2024       | 13:05            |
| BP-BPOW6-11-GW-20241031 | P4710-03         | BN034906.D     | 11/08/2024       | 13:41            |
| BP-BPOW6-8-GW-20241101  | P4710-04         | BN034907.D     | 11/08/2024       | 14:17            |
| PB164705BS              | PB164705BS       | BN034908.D     | 11/08/2024       | 14:53            |
| PB164705BSD             | PB164705BSD      | BN034909.D     | 11/08/2024       | 15:29            |
| PB164705BL              | PB164705BL       | BN034910.D     | 11/08/2024       | 16:05            |
| SSTDCCC0.4EC            | SSTDCCC0.4       | BN034911.D     | 11/08/2024       | 16:41            |