

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BN042524 SAS No.: BN042524 SDG No.: BN042524  
Instrument ID: BNA\_N Calibration Date/Time: 4/25/2024 1:15:16  
Lab File ID: BN031220.D Init. Calib. Date(s): \_\_\_\_\_  
EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): \_\_\_\_\_  
GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                   | RRF   | RRF0.4 | MIN RRF | %D      | MAX%D |
|----------------------------|-------|--------|---------|---------|-------|
| 2-Methylnaphthalene-d10    | 0.616 | 0.608  |         | -1.299  | 20.0  |
| Fluoranthene-d10           | 1.077 | 1.084  |         | 0.65    | 20.0  |
| n-Nitrosodimethylamine     | 0.461 | 0.448  |         | -2.82   | 20.0  |
| 2-Fluorophenol             | 0.891 | 1.069  |         | 19.978  | 20.0  |
| Phenol-d6                  | 1.079 | 1.312  |         | 21.594  | 20.0  |
| bis(2-Chloroethyl) ether   | 1.067 | 1.058  |         | -0.843  | 20.0  |
| Nitrobenzene-d5            | 0.277 | 0.323  |         | 16.606  | 20.0  |
| Naphthalene                | 1.103 | 1.075  |         | -2.539  | 20.0  |
| Hexachlorobutadiene        | 0.221 | 0.222  |         | 0.452   | 20.0  |
| 2-Methylnaphthalene        | 0.733 | 0.717  |         | -2.183  | 20.0  |
| 2-Fluorobiphenyl           | 1.345 | 1.518  |         | 12.862  | 20.0  |
| Acenaphthylene             | 1.763 | 1.831  |         | 3.857   | 20.0  |
| Acenaphthene               | 1.244 | 1.190  |         | -4.341  | 20.0  |
| Fluorene                   | 1.647 | 1.602  |         | -2.732  | 20.0  |
| 4,6-Dinitro-2-methylphenol | 0.057 | 0.054  |         | -5.263  | 20.0  |
| 2,4,6-Tribromophenol       | 0.155 | 0.217  |         | 40.0    | 20.0  |
| 4-Bromophenyl-phenylether  | 0.238 | 0.231  |         | -2.941  | 20.0  |
| Hexachlorobenzene          | 0.278 | 0.264  |         | -5.036  | 20.0  |
| Atrazine                   | 0.172 | 0.202  |         | 17.442  | 20.0  |
| Pentachlorophenol          | 0.097 | 0.118  |         | 21.649  | 20.0  |
| Phenanthrene               | 1.181 | 1.099  |         | -6.943  | 20.0  |
| Anthracene                 | 0.977 | 1.023  |         | 4.708   | 20.0  |
| Fluoranthene               | 1.416 | 1.354  |         | -4.379  | 20.0  |
| Pyrene                     | 1.553 | 1.647  |         | 6.053   | 20.0  |
| Terphenyl-d14              | 0.929 | 0.970  |         | 4.413   | 20.0  |
| Benzo(a)anthracene         | 1.393 | 1.469  |         | 5.456   | 20.0  |
| Chrysene                   | 1.515 | 1.376  |         | -9.175  | 20.0  |
| Bis(2-ethylhexyl)phthalate | 0.638 | 1.555  |         | 143.73  | 20.0  |
| Benzo(b)fluoranthene       | 1.650 | 1.482  |         | -10.182 | 20.0  |
| Benzo(k)fluoranthene       | 1.616 | 1.391  |         | -13.923 | 20.0  |
| Benzo(a)pyrene             | 1.374 | 1.205  |         | -12.3   | 20.0  |
| Indeno(1,2,3-cd)pyrene     | 1.861 | 1.378  |         | -25.954 | 20.0  |
| Dibenzo(a,h)anthracene     | 1.490 | 1.091  |         | -26.779 | 20.0  |
| Benzo(g,h,i)perylene       | 1.640 | 1.162  |         | -29.146 | 20.0  |
| 1,4-Dioxane                | 0.492 | 0.414  |         | -15.854 | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 4/16/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 4/16/2024 12:00:00 AM |
| Client Sample ID:  | PB160336BL             | SDG No.:        | BN042524              |
| Lab Sample ID:     | PB160336BL             | 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 |
| BN031221.D        | 1         | 4/16/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160336      |

| 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: | 4/16/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 4/16/2024 12:00:00 AM |
| Client Sample ID:  | PB160336BL             | SDG No.:        | BN042524              |
| Lab Sample ID:     | PB160336BL             | 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 |
| BN031221.D        | 1         | 4/16/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160336      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.331 |           | 30-150 |     | 83         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.332 |           | 30-150 |     | 83         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.441 | *         | 10-92  |     | 110        | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.432 | *         | 10-100 |     | 108        | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.375 |           | 11-175 |     | 94         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.383 |           | 10-175 |     | 96         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.423 |           | 24-148 |     | 106        | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.355 |           | 54-171 |     | 89         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 6763  | 7.631     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 20020 | 10.41     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 11190 | 14.274    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 25554 | 17.028    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 21073 | 21.229    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 9323  | 23.452    |        |     |            |           |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 4/16/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 4/16/2024 12:00:00 AM |
| Client Sample ID:  | PB160336BS             | SDG No.:        | BN042524              |
| Lab Sample ID:     | PB160336BS             | 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 |
| BN031222.D        | 1         | 4/16/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160336      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.37  |           | 0.03 | 0.2 | 0.2        | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.35  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-20-3        | Naphthalene                | 0.33  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.32  |           | 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             | 0.37  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 83-32-9        | Acenaphthene               | 0.32  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| Total PAH      | Total PAH                  | 7     |           | 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 | 0.42  |           | 0.14 | 0.2 | 0.2        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.33  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.32  |           | 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          | 0.97  |           | 0.09 | 0.2 | 0.2        | ug/L  |
| 85-01-8        | Phenanthrene               | 0.32  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 120-12-7       | Anthracene                 | 0.34  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 206-44-0       | Fluoranthene               | 0.29  |           | 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         | 0.38  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 218-01-9       | Chrysene                   | 0.33  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.78  |           | 0.14 | 0.2 | 0.2        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.76  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.67  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.44  |           | 0.06 | 0.1 | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.57  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.72  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.48  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 0.26  |           | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 4/16/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 4/16/2024 12:00:00 AM |
| Client Sample ID:  | PB160336BS             | SDG No.:        | BN042524              |
| Lab Sample ID:     | PB160336BS             | 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 |
| BN031222.D        | 1         | 4/16/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160336      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.55  |           | 30-150 |     | 138        | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.303 |           | 30-150 |     | 76         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.434 | *         | 10-92  |     | 108        | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.442 | *         | 10-100 |     | 111        | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.383 |           | 11-175 |     | 96         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.388 |           | 10-175 |     | 97         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.443 |           | 24-148 |     | 111        | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.392 |           | 54-171 |     | 98         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7213  | 7.632     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 21322 | 10.41     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 11749 | 14.274    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 25761 | 17.029    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 17325 | 21.229    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 6449  | 23.449    |        |     |            |           |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 4/16/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 4/16/2024 12:00:00 AM |
| Client Sample ID:  | PB160336BSD            | SDG No.:        | BN042524              |
| Lab Sample ID:     | PB160336BSD            | 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 |
| BN031223.D        | 1         | 4/16/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160336      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.37  |           | 0.03 | 0.2 | 0.2        | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.35  |           | 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             | 0.38  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 83-32-9        | Acenaphthene               | 0.32  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| Total PAH      | Total PAH                  | 7.58  |           | 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 | 0.44  |           | 0.14 | 0.2 | 0.2        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.34  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.32  |           | 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          | 0.99  |           | 0.09 | 0.2 | 0.2        | ug/L  |
| 85-01-8        | Phenanthrene               | 0.33  |           | 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               | 0.28  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 129-00-0       | Pyrene                     | 0.38  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.38  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 218-01-9       | Chrysene                   | 0.35  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.74  |           | 0.14 | 0.2 | 0.2        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.85  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.75  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.49  |           | 0.06 | 0.1 | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.66  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.82  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.57  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 0.26  |           | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 4/16/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 4/16/2024 12:00:00 AM |
| Client Sample ID:  | PB160336BSD            | SDG No.:        | BN042524              |
| Lab Sample ID:     | PB160336BSD            | 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 |
| BN031223.D        | 1         | 4/16/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160336      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.491 |           | 30-150 |     | 123        | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.302 |           | 30-150 |     | 75         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.442 | *         | 10-92  |     | 111        | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.453 | *         | 10-100 |     | 113        | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.389 |           | 11-175 |     | 97         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.397 |           | 10-175 |     | 99         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.448 |           | 24-148 |     | 112        | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.409 |           | 54-171 |     | 102        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7721  | 7.632     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 22787 | 10.41     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 12556 | 14.274    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 27278 | 17.029    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 17045 | 21.229    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 5800  | 23.446    |        |     |            |           |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 4/11/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 4/11/2024 12:00:00 AM |
| Client Sample ID:  | RWM-01B-53-041124     | SDG No.:        | BN042524              |
| Lab Sample ID:     | P2093-01              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 980      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN031224.D        | 1         | 4/16/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160336      |

| 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 | 0.27  |           | 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                | 2.2   |           | 0.07 | 0.2 | 0.2        | ug/L  |



## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 4/11/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 4/11/2024 12:00:00 AM |
| Client Sample ID:  | RWM-01B-53-041124     | SDG No.:        | BN042524              |
| Lab Sample ID:     | P2093-01              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 980      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN031224.D        | 1         | 4/16/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160336      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.307 |           | 30-150 |     | 77         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.348 |           | 30-150 |     | 87         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.172 |           | 10-92  |     | 43         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.107 |           | 10-100 |     | 27         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.339 |           | 11-175 |     | 85         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.353 |           | 10-175 |     | 88         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.438 |           | 24-148 |     | 109        | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.368 |           | 54-171 |     | 92         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 6265  | 7.631     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 18989 | 10.41     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 11359 | 14.274    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 26237 | 17.028    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 21547 | 21.229    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 20031 | 23.443    |        |     |            |           |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 4/19/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 4/19/2024 12:00:00 AM |
| Client Sample ID:  | PB160394BL             | SDG No.:        | BN042524              |
| Lab Sample ID:     | PB160394BL             | 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 |
| BN031225.D        | 1         | 4/19/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160394      |

| 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: | 4/19/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 4/19/2024 12:00:00 AM |
| Client Sample ID:  | PB160394BL             | SDG No.:        | BN042524              |
| Lab Sample ID:     | PB160394BL             | 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 |
| BN031225.D        | 1         | 4/19/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160394      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.329 |           | 30-150 |     | 82         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.305 |           | 30-150 |     | 76         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.434 | *         | 10-92  |     | 108        | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.416 | *         | 10-100 |     | 104        | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.378 |           | 11-175 |     | 94         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.399 |           | 10-175 |     | 100        | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.388 |           | 24-148 |     | 97         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.372 |           | 54-171 |     | 93         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7727  | 7.632     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 22152 | 10.41     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 11596 | 14.274    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 23507 | 17.029    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 16560 | 21.229    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 7563  | 23.446    |        |     |            |           |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 4/19/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 4/19/2024 12:00:00 AM |
| Client Sample ID:  | PB160394BS             | SDG No.:        | BN042524              |
| Lab Sample ID:     | PB160394BS             | 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 |
| BN031226.D        | 1         | 4/19/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160394      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.36  |           | 0.03 | 0.2 | 0.2        | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.36  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-20-3        | Naphthalene                | 0.33  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.32  |           | 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             | 0.36  |           | 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                  | 7.53  |           | 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 | 0.44  |           | 0.14 | 0.2 | 0.2        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.33  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.31  |           | 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          | 0.98  |           | 0.09 | 0.2 | 0.2        | ug/L  |
| 85-01-8        | Phenanthrene               | 0.33  |           | 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               | 0.29  |           | 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         | 0.38  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 218-01-9       | Chrysene                   | 0.35  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.69  |           | 0.14 | 0.2 | 0.2        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.85  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.76  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.49  |           | 0.06 | 0.1 | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.64  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.84  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.55  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 0.25  |           | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 4/19/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 4/19/2024 12:00:00 AM |
| Client Sample ID:  | PB160394BS             | SDG No.:        | BN042524              |
| Lab Sample ID:     | PB160394BS             | 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 |
| BN031226.D        | 1         | 4/19/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160394      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.329 |           | 30-150 |     | 82         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.307 |           | 30-150 |     | 77         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.434 | *         | 10-92  |     | 108        | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.441 | *         | 10-100 |     | 110        | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.391 |           | 11-175 |     | 98         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.395 |           | 10-175 |     | 99         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.443 |           | 24-148 |     | 111        | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.403 |           | 54-171 |     | 101        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7464  | 7.631     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 22070 | 10.41     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 12136 | 14.274    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 26841 | 17.028    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 17548 | 21.229    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 5721  | 23.443    |        |     |            |           |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 4/19/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 4/19/2024 12:00:00 AM |
| Client Sample ID:  | PB160394BSD            | SDG No.:        | BN042524              |
| Lab Sample ID:     | PB160394BSD            | 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 |
| BN031227.D        | 1         | 4/19/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160394      |

| 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    | 0.38  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-20-3        | Naphthalene                | 0.33  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.32  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 0.32  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.37  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 83-32-9        | Acenaphthene               | 0.32  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| Total PAH      | Total PAH                  | 6.91  |           | 0.45 | 0.1 | 1.6        | ug/L  |
| 86-73-7        | Fluorene                   | 0.31  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 0.43  |           | 0.14 | 0.2 | 0.2        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.33  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.32  |           | 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          | 0.94  |           | 0.09 | 0.2 | 0.2        | ug/L  |
| 85-01-8        | Phenanthrene               | 0.32  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 120-12-7       | Anthracene                 | 0.33  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 206-44-0       | Fluoranthene               | 0.27  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 129-00-0       | Pyrene                     | 0.37  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.36  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 218-01-9       | Chrysene                   | 0.33  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.65  |           | 0.14 | 0.2 | 0.2        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.69  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.63  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.48  |           | 0.06 | 0.1 | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.58  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.7   |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.52  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 0.25  |           | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 4/19/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 4/19/2024 12:00:00 AM |
| Client Sample ID:  | PB160394BSD            | SDG No.:        | BN042524              |
| Lab Sample ID:     | PB160394BSD            | 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 |
| BN031227.D        | 1         | 4/19/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160394      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.346 |           | 30-150 |     | 86         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.28  |           | 30-150 |     | 70         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.415 | *         | 10-92  |     | 104        | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.424 | *         | 10-100 |     | 106        | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.373 |           | 11-175 |     | 93         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.382 |           | 10-175 |     | 95         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.413 |           | 24-148 |     | 103        | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.381 |           | 54-171 |     | 95         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7438  | 7.632     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 21774 | 10.41     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 11916 | 14.274    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 25431 | 17.029    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 15663 | 21.229    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 6453  | 23.443    |        |     |            |           |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 4/17/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 4/17/2024 12:00:00 AM |
| Client Sample ID:  | RMW-04B-66-041724     | SDG No.:        | BN042524              |
| Lab Sample ID:     | P2129-01              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 980      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN031228.D        | 1         | 4/19/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160394      |

| 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: | 4/17/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 4/17/2024 12:00:00 AM |
| Client Sample ID:  | RMW-04B-66-041724     | SDG No.:        | BN042524              |
| Lab Sample ID:     | P2129-01              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 980      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN031228.D        | 1         | 4/19/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160394      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.298 |           | 30-150 |     | 75         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.321 |           | 30-150 |     | 80         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.163 |           | 10-92  |     | 41         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.097 |           | 10-100 |     | 24         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.332 |           | 11-175 |     | 83         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.338 |           | 10-175 |     | 84         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.438 |           | 24-148 |     | 109        | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.392 |           | 54-171 |     | 98         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 6920  | 7.632     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 21500 | 10.41     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 12838 | 14.274    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 28776 | 17.016    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 20747 | 21.229    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 19464 | 23.44     |        |     |            |           |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 4/17/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 4/17/2024 12:00:00 AM |
| Client Sample ID:  | EB-01-041724          | SDG No.:        | BN042524              |
| Lab Sample ID:     | P2129-02              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN031229.D        | 1         | 4/19/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160394      |

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

## Report of Analysis

|                    |                       |                 |                         |
|--------------------|-----------------------|-----------------|-------------------------|
| Client:            |                       | Date Collected: | 4/17/2024 12:00:00 AM   |
| Project:           |                       | Date Received:  | 4/17/2024 12:00:00 AM   |
| Client Sample ID:  | EB-01-041724          | SDG No.:        | BN042524                |
| Lab Sample ID:     | P2129-02              | Matrix:         | Water                   |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                     |
| Sample Wt/Vol:     | 990      Units:    mL | Final Vol:      | 1000      uL            |
| Soil Aliquot Vol:  | uL                    | Test:           |                         |
| Extraction Type :  |                       | Decanted :      | Level :      LOW        |
| Injection Volume : |                       | GPC Factor :    | GPC Cleanup :      PH : |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN031229.D        | 1         | 4/19/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160394      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.262 |           | 30-150 |     | 65         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.302 |           | 30-150 |     | 75         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.118 |           | 10-92  |     | 29         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.07  |           | 10-100 |     | 17         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.297 |           | 11-175 |     | 74         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.313 |           | 10-175 |     | 78         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.289 |           | 24-148 |     | 72         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.348 |           | 54-171 |     | 87         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7106  | 7.632     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 20920 | 10.41     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 11721 | 14.274    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 25011 | 17.029    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 19477 | 21.229    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 20966 | 23.44     |        |     |            |           |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 4/18/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 4/18/2024 12:00:00 AM |
| Client Sample ID:  | RMW-05B-31-041824     | SDG No.:        | BN042524              |
| Lab Sample ID:     | P2198-01              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 980      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN031230.D        | 1         | 4/19/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160394      |

| 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 | 0.19  | J         | 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                | 0.46  |           | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 4/18/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 4/18/2024 12:00:00 AM |
| Client Sample ID:  | RMW-05B-31-041824     | SDG No.:        | BN042524              |
| Lab Sample ID:     | P2198-01              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 980      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN031230.D        | 1         | 4/19/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160394      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.25  |           | 30-150 |     | 63         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.298 |           | 30-150 |     | 75         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.152 |           | 10-92  |     | 38         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.101 |           | 10-100 |     | 25         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.271 |           | 11-175 |     | 68         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.274 |           | 10-175 |     | 68         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.343 |           | 24-148 |     | 86         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.353 |           | 54-171 |     | 88         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 6794  | 7.632     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 20927 | 10.41     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 12628 | 14.274    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 28250 | 17.029    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 20375 | 21.229    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 18803 | 23.44     |        |     |            |           |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 4/25/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 4/25/2024 12:00:00 AM |
| Client Sample ID:  | PB160504BL             | SDG No.:        | BN042524              |
| Lab Sample ID:     | PB160504BL             | 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 |
| BN031231.D        | 1         | 4/25/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160504      |

| 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: | 4/25/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 4/25/2024 12:00:00 AM |
| Client Sample ID:  | PB160504BL             | SDG No.:        | BN042524              |
| Lab Sample ID:     | PB160504BL             | 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 |
| BN031231.D        | 1         | 4/25/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160504      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.334 |           | 30-150 |     | 83         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.309 |           | 30-150 |     | 77         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.438 | *         | 10-92  |     | 109        | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.421 | *         | 10-100 |     | 105        | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.367 |           | 11-175 |     | 92         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.395 |           | 10-175 |     | 99         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.413 |           | 24-148 |     | 103        | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.4   |           | 54-171 |     | 100        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7033  | 7.632     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 20674 | 10.41     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 11374 | 14.274    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 25226 | 17.029    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 16460 | 21.229    |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 7474  | 23.44     |        |     |            |           |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 4/25/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 4/25/2024 12:00:00 AM |
| Client Sample ID:  | PB160504BS             | SDG No.:        | BN042524              |
| Lab Sample ID:     | PB160504BS             | 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 |
| BN031232.D        | 1         | 4/25/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160504      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.38  |           | 0.03 | 0.2 | 0.2        | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.39  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-20-3        | Naphthalene                | 0.35  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.34  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 0.34  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.38  |           | 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                  | 7.39  |           | 0.45 | 0.1 | 1.6        | ug/L  |
| 86-73-7        | Fluorene                   | 0.34  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 0.45  |           | 0.14 | 0.2 | 0.2        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.35  |           | 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                   | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.98  |           | 0.09 | 0.2 | 0.2        | ug/L  |
| 85-01-8        | Phenanthrene               | 0.34  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 120-12-7       | Anthracene                 | 0.36  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 206-44-0       | Fluoranthene               | 0.29  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 129-00-0       | Pyrene                     | 0.39  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.39  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 218-01-9       | Chrysene                   | 0.36  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.64  |           | 0.14 | 0.2 | 0.2        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.77  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.7   |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.5   |           | 0.06 | 0.1 | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.6   |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.75  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.53  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 0.26  |           | 0.07 | 0.2 | 0.2        | ug/L  |



## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 4/25/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 4/25/2024 12:00:00 AM |
| Client Sample ID:  | PB160504BS             | SDG No.:        | BN042524              |
| Lab Sample ID:     | PB160504BS             | 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 |
| BN031232.D        | 1         | 4/25/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160504      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.347 |           | 30-150 |     | 87         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.305 |           | 30-150 |     | 76         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.45  | *         | 10-92  |     | 113        | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.459 | *         | 10-100 |     | 115        | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.397 |           | 11-175 |     | 99         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.415 |           | 10-175 |     | 104        | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.433 |           | 24-148 |     | 108        | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.417 |           | 54-171 |     | 104        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7581  | 7.632     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 22589 | 10.4      |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 12348 | 14.274    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 26651 | 17.016    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 16546 | 21.22     |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 6400  | 23.437    |        |     |            |           |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 4/25/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 4/25/2024 12:00:00 AM |
| Client Sample ID:  | PB160504BSD            | SDG No.:        | BN042524              |
| Lab Sample ID:     | PB160504BSD            | 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 |
| BN031233.D        | 1         | 4/25/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160504      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine     | 0.37  |           | 0.03 | 0.2 | 0.2        | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether    | 0.38  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-20-3        | Naphthalene                | 0.35  |           | 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        | 0.34  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.38  |           | 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                  | 7.17  |           | 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 | 0.44  |           | 0.14 | 0.2 | 0.2        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.34  |           | 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                   | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.95  |           | 0.09 | 0.2 | 0.2        | ug/L  |
| 85-01-8        | Phenanthrene               | 0.33  |           | 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               | 0.28  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 129-00-0       | Pyrene                     | 0.39  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.38  |           | 0.02 | 0.1 | 0.1        | ug/L  |
| 218-01-9       | Chrysene                   | 0.35  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.61  |           | 0.14 | 0.2 | 0.2        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.73  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.65  |           | 0.03 | 0.1 | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.5   |           | 0.06 | 0.1 | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.58  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.71  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.52  |           | 0.04 | 0.1 | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 0.26  |           | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 4/25/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 4/25/2024 12:00:00 AM |
| Client Sample ID:  | PB160504BSD            | SDG No.:        | BN042524              |
| Lab Sample ID:     | PB160504BSD            | 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 |
| BN031233.D        | 1         | 4/25/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160504      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.338 |           | 30-150 |     | 84         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.291 |           | 30-150 |     | 73         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.441 | *         | 10-92  |     | 110        | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.448 | *         | 10-100 |     | 112        | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.383 |           | 11-175 |     | 96         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.41  |           | 10-175 |     | 102        | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.427 |           | 24-148 |     | 107        | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.417 |           | 54-171 |     | 104        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7649  | 7.632     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 22849 | 10.4      |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 12448 | 14.274    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 26925 | 17.016    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 15870 | 21.22     |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 6442  | 23.437    |        |     |            |           |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 4/22/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 4/22/2024 12:00:00 AM |
| Client Sample ID:  | RMW-03B-31-042224     | SDG No.:        | BN042524              |
| Lab Sample ID:     | P2233-01              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN031234.D        | 1         | 4/25/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160504      |

| 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                   | 0.03  | J         | 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                | 1.8   |           | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 4/22/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 4/22/2024 12:00:00 AM |
| Client Sample ID:  | RMW-03B-31-042224     | SDG No.:        | BN042524              |
| Lab Sample ID:     | P2233-01              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN031234.D        | 1         | 4/25/2024 12:00:00 AM | 4/25/2024 12:00:00 AM | PB160504      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.304 |           | 30-150 |     | 76         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.36  |           | 30-150 |     | 90         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.165 |           | 10-92  |     | 41         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.108 |           | 10-100 |     | 27         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.33  |           | 11-175 |     | 83         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.33  |           | 10-175 |     | 83         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.455 |           | 24-148 |     | 114        | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.416 |           | 54-171 |     | 104        | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 6885  | 7.624     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 21112 | 10.4      |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 13168 | 14.274    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 29564 | 17.016    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 22155 | 21.22     |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 20380 | 23.434    |        |     |            |           |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 4/23/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 4/23/2024 12:00:00 AM |
| Client Sample ID:  | RMW-03B-56-042324     | SDG No.:        | BN042524              |
| Lab Sample ID:     | P2248-01              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 980      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN031235.D        | 1         | 4/25/2024 12:00:00 AM | 4/26/2024 12:00:00 AM | PB160504      |

| 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                | 0.06  | J         | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 208-96-8       | Acenaphthylene             | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 83-32-9        | Acenaphthene               | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| Total PAH      | Total PAH                  | 0.45  | U         | 0.45 | 0.1 | 1.6        | ug/L  |
| 86-73-7        | Fluorene                   | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 534-52-1       | 4,6-Dinitro-2-methylphenol | 0.14  | U         | 0.14 | 0.2 | 0.2        | ug/L  |
| 101-55-3       | 4-Bromophenyl-phenylether  | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 1912-24-9      | Atrazine                   | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 87-86-5        | Pentachlorophenol          | 0.09  | U         | 0.09 | 0.2 | 0.2        | ug/L  |
| 85-01-8        | Phenanthrene               | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 120-12-7       | Anthracene                 | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 206-44-0       | Fluoranthene               | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 129-00-0       | Pyrene                     | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.02  | U         | 0.02 | 0.1 | 0.1        | ug/L  |
| 218-01-9       | Chrysene                   | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 0.14  | U         | 0.14 | 0.2 | 0.2        | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 0.03  | U         | 0.03 | 0.1 | 0.1        | ug/L  |
| 50-32-8        | Benzo(a)pyrene             | 0.06  | U         | 0.06 | 0.1 | 0.1        | ug/L  |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 0.04  | U         | 0.04 | 0.1 | 0.1        | ug/L  |
| 53-70-3        | Dibenzo(a,h)anthracene     | 0.04  | U         | 0.04 | 0.1 | 0.1        | ug/L  |
| 191-24-2       | Benzo(g,h,i)perylene       | 0.04  | U         | 0.04 | 0.1 | 0.1        | ug/L  |
| 123-91-1       | 1,4-Dioxane                | 3.6   |           | 0.07 | 0.2 | 0.2        | ug/L  |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 4/23/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 4/23/2024 12:00:00 AM |
| Client Sample ID:  | RMW-03B-56-042324     | SDG No.:        | BN042524              |
| Lab Sample ID:     | P2248-01              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 980      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN031235.D        | 1         | 4/25/2024 12:00:00 AM | 4/26/2024 12:00:00 AM | PB160504      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.306 |           | 30-150 |     | 76         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.347 |           | 30-150 |     | 87         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.168 |           | 10-92  |     | 42         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.104 |           | 10-100 |     | 26         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.324 |           | 11-175 |     | 81         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.355 |           | 10-175 |     | 89         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.43  |           | 24-148 |     | 108        | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.373 |           | 54-171 |     | 93         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 6452  | 7.624     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 20114 | 10.4      |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 12188 | 14.263    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 28993 | 17.016    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 23832 | 21.22     |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 22422 | 23.434    |        |     |            |           |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 4/24/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 4/24/2024 12:00:00 AM |
| Client Sample ID:  | RMW-02B-14-042424     | SDG No.:        | BN042524              |
| Lab Sample ID:     | P2265-03              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 980      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN031236.D        | 1         | 4/25/2024 12:00:00 AM | 4/26/2024 12:00:00 AM | PB160504      |

| 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                | 5.5   | E         | 0.07 | 0.2 | 0.2        | ug/L  |



## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 4/24/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 4/24/2024 12:00:00 AM |
| Client Sample ID:  | RMW-02B-14-042424     | SDG No.:        | BN042524              |
| Lab Sample ID:     | P2265-03              | Matrix:         | Water                 |
| Analytical Method: | 8270-Modified         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 980      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN031236.D        | 1         | 4/25/2024 12:00:00 AM | 4/26/2024 12:00:00 AM | PB160504      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|-------------------------|-------|-----------|--------|-----|------------|-----------|
| <b>SURROGATES</b>         |                         |       |           |        |     |            |           |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.303 |           | 30-150 |     | 76         | SPK: -0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.321 |           | 30-150 |     | 80         | SPK: -0.4 |
| 367-12-4                  | 2-Fluorophenol          | 0.138 |           | 10-92  |     | 34         | SPK: -0.4 |
| 13127-88-3                | Phenol-d6               | 0.077 |           | 10-100 |     | 19         | SPK: -0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.312 |           | 11-175 |     | 78         | SPK: -0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.345 |           | 10-175 |     | 86         | SPK: -0.4 |
| 118-79-6                  | 2,4,6-Tribromophenol    | 0.368 |           | 24-148 |     | 92         | SPK: -0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.383 |           | 54-171 |     | 96         | SPK: -0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7768  | 7.624     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8          | 23293 | 10.4      |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10        | 13741 | 14.274    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10        | 30566 | 17.016    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12            | 22047 | 21.22     |        |     |            |           |
| 1520-96-3                 | Perylene-d12            | 21005 | 23.437    |        |     |            |           |



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Fax : 908 789 8922

### Hit Summary Sheet SW-846

SDG No.: BN042524

Client:

| Sample ID                     | Client ID         |       | Parameter                  | Concentration | C | MDL  | RDL | Units |
|-------------------------------|-------------------|-------|----------------------------|---------------|---|------|-----|-------|
| Client ID : RWM-01B-53-041124 |                   |       |                            |               |   |      |     |       |
| P2093-01                      | RWM-01B-53-041124 | Water | 1,4-Dioxane                | 2.200         |   | 0.07 | 0.2 | ug/L  |
| P2093-01                      | RWM-01B-53-041124 | Water | Bis(2-ethylhexyl)phthalate | 0.270         |   | 0.14 | 0.2 | ug/L  |
| Total Svoc :                  |                   |       |                            | 2.47          |   |      |     |       |
| Total Concentration:          |                   |       |                            | 2.47          |   |      |     |       |
| Client ID : EB-01-041724      |                   |       |                            |               |   |      |     |       |
| P2129-02                      | EB-01-041724      | Water | Naphthalene                | 0.030         | J | 0.02 | 0.1 | ug/L  |
| Total Svoc :                  |                   |       |                            | 0.03          |   |      |     |       |
| Total Concentration:          |                   |       |                            | 0.03          |   |      |     |       |
| Client ID : RMW-05B-31-041824 |                   |       |                            |               |   |      |     |       |
| P2198-01                      | RMW-05B-31-041824 | Water | 1,4-Dioxane                | 0.460         |   | 0.07 | 0.2 | ug/L  |
| P2198-01                      | RMW-05B-31-041824 | Water | Bis(2-ethylhexyl)phthalate | 0.190         | J | 0.14 | 0.2 | ug/L  |
| Total Svoc :                  |                   |       |                            | 0.65          |   |      |     |       |
| Total Concentration:          |                   |       |                            | 0.65          |   |      |     |       |
| Client ID : RMW-03B-31-042224 |                   |       |                            |               |   |      |     |       |
| P2233-01                      | RMW-03B-31-042224 | Water | 1,4-Dioxane                | 1.800         |   | 0.07 | 0.2 | ug/L  |
| P2233-01                      | RMW-03B-31-042224 | Water | Atrazine                   | 0.030         | J | 0.02 | 0.1 | ug/L  |
| Total Svoc :                  |                   |       |                            | 1.83          |   |      |     |       |
| Total Concentration:          |                   |       |                            | 1.83          |   |      |     |       |
| Client ID : RMW-03B-56-042324 |                   |       |                            |               |   |      |     |       |
| P2248-01                      | RMW-03B-56-042324 | Water | 1,4-Dioxane                | 3.600         |   | 0.07 | 0.2 | ug/L  |
| P2248-01                      | RMW-03B-56-042324 | Water | Naphthalene                | 0.060         | J | 0.02 | 0.1 | ug/L  |
| Total Svoc :                  |                   |       |                            | 3.66          |   |      |     |       |
| Total Concentration:          |                   |       |                            | 3.66          |   |      |     |       |
| Client ID : RMW-02B-14-042424 |                   |       |                            |               |   |      |     |       |
| P2265-03                      | RMW-02B-14-042424 | Water | 1,4-Dioxane                | 5.500         | E | 0.07 | 0.2 | ug/L  |
| Total Svoc :                  |                   |       |                            | 5.50          |   |      |     |       |
| Total Concentration:          |                   |       |                            | 5.50          |   |      |     |       |

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

Lab Code: CHEM Case No.: BN041524 SAS No.: BN041524 SDG No.: BN041524

Instrument ID: \_\_\_\_\_ Calibration Date(s): 4/15/2024 : \_\_\_\_\_

Calibration Time(s): 12:43 \_\_\_\_\_

| LAB FILE ID:               |        | RRF0.1 = BN030935.D |        | RRF0.2 = BN030936.D |        | RRF0.4 = BN030937.D |       |       |
|----------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
|                            |        | RRF0.8 = BN030938.D |        | RRF1.6 = BN030939.D |        | RRF3.2 = BN030940.D |       |       |
| COMPOUND                   | RRF0.1 | RRF0.2              | RRF0.4 | RRF0.8              | RRF1.6 | RRF3.2              | RRF   | % RSD |
| 2-Methylnaphthalene-d10    | 0.583  | 0.610               | 0.583  | 0.602               | 0.654  | 0.642               | 0.616 | 4.7   |
| Fluoranthene-d10           | 0.981  | 1.020               | 0.999  | 1.040               | 1.161  | 1.168               | 1.077 | 8.0   |
| n-Nitrosodimethylamine     | 0.452  | 0.432               | 0.432  | 0.451               | 0.498  | 0.486               | 0.461 | 5.6   |
| 2-Fluorophenol             | 0.863  | 0.909               | 0.850  | 0.854               | 0.935  | 0.918               | 0.891 | 3.9   |
| Phenol-d6                  | 0.976  | 1.026               | 0.987  | 1.035               | 1.165  | 1.180               | 1.079 | 8.7   |
| bis(2-Chloroethyl)ether    | 0.992  | 1.048               | 0.998  | 1.047               | 1.154  | 1.124               | 1.067 | 5.9   |
| Nitrobenzene-d5            | 0.253  | 0.262               | 0.256  | 0.271               | 0.298  | 0.299               | 0.277 | 7.5   |
| Naphthalene                | 1.079  | 1.119               | 1.064  | 1.078               | 1.157  | 1.123               | 1.103 | 2.9   |
| Hexachlorobutadiene        | 0.220  | 0.231               | 0.215  | 0.217               | 0.232  | 0.221               | 0.221 | 3.5   |
| 2-Methylnaphthalene        | 0.694  | 0.725               | 0.697  | 0.715               | 0.783  | 0.766               | 0.733 | 4.7   |
| 2-Fluorobiphenyl           | 1.491  | 1.411               | 1.308  | 1.280               | 1.361  | 1.296               | 1.345 | 6.1   |
| Acenaphthylene             | 1.588  | 1.657               | 1.606  | 1.669               | 1.913  | 1.947               | 1.763 | 9.6   |
| Acenaphthene               | 1.191  | 1.251               | 1.192  | 1.198               | 1.314  | 1.290               | 1.244 | 4.1   |
| Fluorene                   | 1.556  | 1.611               | 1.556  | 1.601               | 1.773  | 1.726               | 1.647 | 5.3   |
| 4,6-Dinitro-2-methylphenol |        | 0.042               | 0.044  | 0.050               | 0.061  | 0.069               | 0.057 | 24.0  |
| 2,4,6-Tribromophenol       | 0.143  | 0.138               | 0.139  | 0.143               | 0.164  | 0.175               | 0.155 | 12.6  |
| 4-Bromophenyl-phenylether  | 0.228  | 0.230               | 0.223  | 0.229               | 0.253  | 0.252               | 0.238 | 5.5   |
| Hexachlorobenzene          | 0.275  | 0.276               | 0.267  | 0.270               | 0.290  | 0.285               | 0.278 | 3.0   |
| Atrazine                   | 0.153  | 0.155               | 0.151  | 0.161               | 0.188  | 0.198               | 0.172 | 12.8  |
| Pentachlorophenol          |        | 0.069               | 0.074  | 0.084               | 0.106  | 0.120               | 0.097 | 25.5  |
| Phenanthrene               | 1.149  | 1.143               | 1.121  | 1.134               | 1.250  | 1.238               | 1.181 | 4.7   |
| Anthracene                 | 0.871  | 0.891               | 0.878  | 0.931               | 1.062  | 1.097               | 0.977 | 11.0  |
| Fluoranthene               | 1.309  | 1.326               | 1.298  | 1.360               | 1.546  | 1.547               | 1.416 | 8.3   |
| Pyrene                     | 1.547  | 1.549               | 1.508  | 1.512               | 1.616  | 1.582               | 1.553 | 2.4   |
| Terphenyl-d14              | 0.959  | 0.926               | 0.882  | 0.922               | 0.972  | 0.936               | 0.929 | 3.3   |
| Benzo (a) anthracene       | 1.372  | 1.300               | 1.272  | 1.325               | 1.489  | 1.497               | 1.393 | 7.1   |
| Chrysene                   | 1.508  | 1.503               | 1.467  | 1.486               | 1.602  | 1.534               | 1.515 | 2.9   |
| Bis(2-ethylhexyl)phthalate | 0.692  | 0.603               | 0.565  | 0.553               | 0.639  | 0.685               | 0.638 | 10.7  |
| Benzo (b) fluoranthene     | 1.553  | 1.580               | 1.521  | 1.636               | 1.781  | 1.738               | 1.650 | 6.3   |
| Benzo (k) fluoranthene     | 1.489  | 1.521               | 1.494  | 1.615               | 1.757  | 1.712               | 1.616 | 7.2   |
| Benzo (a) pyrene           | 1.325  | 1.315               | 1.219  | 1.331               | 1.466  | 1.475               | 1.374 | 7.4   |
| Indeno (1,2,3-cd) pyrene   | 1.726  | 1.733               | 1.695  | 1.811               | 2.023  | 2.020               | 1.861 | 8.2   |
| Dibenzo (a,h) anthracene   | 1.358  | 1.374               | 1.358  | 1.462               | 1.633  | 1.624               | 1.490 | 8.8   |
| Benzo (g,h,i) perylene     | 1.544  | 1.549               | 1.557  | 1.598               | 1.754  | 1.743               | 1.640 | 6.1   |
| 1,4-Dioxane                | 0.621  | 0.541               | 0.473  | 0.447               | 0.476  | 0.453               | 0.492 | 13.6  |

All other compounds must meet a minimum RRF of 0.010.



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN042524 SAS No.: BN042524 SDG NO.: BN042524

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Apr 25 2024 12:00AM

Lab File ID: BN030937.D Time Analyzed: 15:52

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       | 3946                | 7.653 | 11983               | 10.43  | 6986                | 14.30  |
|    | UPPER LIMIT       | 7892                | 8.153 | 23966               | 10.932 | 13972               | 14.795 |
|    | LOWER LIMIT       | 1973                | 7.153 | 5991.5              | 9.932  | 3493                | 13.795 |
|    | EPA SAMPLE NO.    |                     |       |                     |        |                     |        |
| 01 | PB160336BL        | 6763                | 7.63  | 20020               | 10.41  | 11190               | 14.27  |
| 02 | PB160336BS        | 7213                | 7.63  | 21322               | 10.41  | 11749               | 14.27  |
| 03 | PB160336BSD       | 7721                | 7.63  | 22787               | 10.41  | 12556               | 14.27  |
| 04 | RMW-01B-53-041124 | 6265                | 7.63  | 18989               | 10.41  | 11359               | 14.27  |
| 05 | PB160394BL        | 7727                | 7.63  | 22152               | 10.41  | 11596               | 14.27  |
| 06 | PB160394BS        | 7464                | 7.63  | 22070               | 10.41  | 12136               | 14.27  |
| 07 | PB160394BSD       | 7438                | 7.63  | 21774               | 10.41  | 11916               | 14.27  |
| 08 | RMW-04B-66-041724 | 6920                | 7.63  | 21500               | 10.41  | 12838               | 14.27  |
| 09 | EB-01-041724      | 7106                | 7.63  | 20920               | 10.41  | 11721               | 14.27  |
| 10 | RMW-05B-31-041824 | 6794                | 7.63  | 20927               | 10.41  | 12628               | 14.27  |
| 11 | PB160504BL        | 7033                | 7.63  | 20674               | 10.41  | 11374               | 14.27  |
| 12 | PB160504BS        | 7581                | 7.63  | 22589               | 10.40  | 12348               | 14.27  |
| 13 | PB160504BSD       | 7649                | 7.63  | 22849               | 10.40  | 12448               | 14.27  |
| 14 | RMW-03B-31-042224 | 6885                | 7.62  | 21112               | 10.40  | 13168               | 14.27  |
| 15 | RMW-03B-56-042324 | 6452                | 7.62  | 20114               | 10.40  | 12188               | 14.26  |
| 16 | RMW-02B-14-042424 | 7768                | 7.62  | 23293               | 10.40  | 13741               | 14.27  |
|    |                   |                     |       |                     |        |                     |        |



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN042524 SAS No.: BN042524 SDG NO.: BN042524

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Apr 26 2024 12:00AM

Lab File ID: BN030937.D Time Analyzed: 00:59

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    | 3946                | 7.653 | 11983               | 10.43  | 6986                | 14.30  |
| UPPER LIMIT    | 7892                | 8.153 | 23966               | 10.932 | 13972               | 14.795 |
| LOWER LIMIT    | 1973                | 7.153 | 5991.5              | 9.932  | 3493                | 13.795 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

\* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN042524 SAS No.: BN042524 SDG NO.: BN042524

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Apr 25 2024 12:00AM

Lab File ID: BN031220.D Time Analyzed: 15:52

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       | 6878                | 7.624 | 20228               | 10.41 | 12089               | 14.27  |
|    | UPPER LIMIT       | 13756               | 8.124 | 40456               | 10.91 | 24178               | 14.774 |
|    | LOWER LIMIT       | 3439                | 7.124 | 10114               | 9.91  | 6044.5              | 13.774 |
|    | EPA SAMPLE NO.    |                     |       |                     |       |                     |        |
| 01 | PB160336BL        | 6763                | 7.63  | 20020               | 10.41 | 11190               | 14.27  |
| 02 | PB160336BS        | 7213                | 7.63  | 21322               | 10.41 | 11749               | 14.27  |
| 03 | PB160336BSD       | 7721                | 7.63  | 22787               | 10.41 | 12556               | 14.27  |
| 04 | RMW-01B-53-041124 | 6265                | 7.63  | 18989               | 10.41 | 11359               | 14.27  |
| 05 | PB160394BL        | 7727                | 7.63  | 22152               | 10.41 | 11596               | 14.27  |
| 06 | PB160394BS        | 7464                | 7.63  | 22070               | 10.41 | 12136               | 14.27  |
| 07 | PB160394BSD       | 7438                | 7.63  | 21774               | 10.41 | 11916               | 14.27  |
| 08 | RMW-04B-66-041724 | 6920                | 7.63  | 21500               | 10.41 | 12838               | 14.27  |
| 09 | EB-01-041724      | 7106                | 7.63  | 20920               | 10.41 | 11721               | 14.27  |
| 10 | RMW-05B-31-041824 | 6794                | 7.63  | 20927               | 10.41 | 12628               | 14.27  |
| 11 | PB160504BL        | 7033                | 7.63  | 20674               | 10.41 | 11374               | 14.27  |
| 12 | PB160504BS        | 7581                | 7.63  | 22589               | 10.40 | 12348               | 14.27  |
| 13 | PB160504BSD       | 7649                | 7.63  | 22849               | 10.40 | 12448               | 14.27  |
| 14 | RMW-03B-31-042224 | 6885                | 7.62  | 21112               | 10.40 | 13168               | 14.27  |
| 15 | RMW-03B-56-042324 | 6452                | 7.62  | 20114               | 10.40 | 12188               | 14.26  |
| 16 | RMW-02B-14-042424 | 7768                | 7.62  | 23293               | 10.40 | 13741               | 14.27  |



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN042524 SAS No.: BN042524 SDG NO.: BN042524

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Apr 26 2024 12:00AM

Lab File ID: BN031220.D Time Analyzed: 00:59

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    | 6878                | 7.624 | 20228               | 10.41 | 12089               | 14.27  |
| UPPER LIMIT    | 13756               | 8.124 | 40456               | 10.91 | 24178               | 14.774 |
| LOWER LIMIT    | 3439                | 7.124 | 10114               | 9.91  | 6044.5              | 13.774 |
| EPA SAMPLE NO. |                     |       |                     |       |                     |        |

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

\* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN042524 SAS No.: BN042524 SDG NO.: BN042524

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Apr 25 2024 12:00AM

Lab File ID: BN030937.D Time Analyzed: 15:52

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

|    |                   | IS4 (PHN)<br>AREA # | RT #  | IS5 (CRY)<br>AREA # | RT #  | IS6 (PRY)<br>AREA # | RT #  |
|----|-------------------|---------------------|-------|---------------------|-------|---------------------|-------|
|    | 12 HOUR STD       | 16159               | 17.04 | 14118               | 21.24 | 13534               | 23.46 |
|    | UPPER LIMIT       | 32318               | 17.54 | 28236               | 21.74 | 27068               | 23.96 |
|    | LOWER LIMIT       | 8079.5              | 16.54 | 7059                | 20.74 | 6767                | 22.96 |
|    | EPA SAMPLE NO.    |                     |       |                     |       |                     |       |
| 01 | PB160336BL        | 25554               | 17.03 | 21073               | 21.23 | 9323                | 23.45 |
| 02 | PB160336BS        | 25761               | 17.03 | 17325               | 21.23 | 6449 *              | 23.45 |
| 03 | PB160336BSD       | 27278               | 17.03 | 17045               | 21.23 | 5800 *              | 23.45 |
| 04 | RWM-01B-53-041124 | 26237               | 17.03 | 21547               | 21.23 | 20031               | 23.44 |
| 05 | PB160394BL        | 23507               | 17.03 | 16560               | 21.23 | 7563                | 23.45 |
| 06 | PB160394BS        | 26841               | 17.03 | 17548               | 21.23 | 5721 *              | 23.44 |
| 07 | PB160394BSD       | 25431               | 17.03 | 15663               | 21.23 | 6453 *              | 23.44 |
| 08 | RMW-04B-66-041724 | 28776               | 17.02 | 20747               | 21.23 | 19464               | 23.44 |
| 09 | EB-01-041724      | 25011               | 17.03 | 19477               | 21.23 | 20966               | 23.44 |
| 10 | RMW-05B-31-041824 | 28250               | 17.03 | 20375               | 21.23 | 18803               | 23.44 |
| 11 | PB160504BL        | 25226               | 17.03 | 16460               | 21.23 | 7474                | 23.44 |
| 12 | PB160504BS        | 26651               | 17.02 | 16546               | 21.22 | 6400 *              | 23.44 |
| 13 | PB160504BSD       | 26925               | 17.02 | 15870               | 21.22 | 6442 *              | 23.44 |
| 14 | RMW-03B-31-042224 | 29564               | 17.02 | 22155               | 21.22 | 20380               | 23.43 |
| 15 | RMW-03B-56-042324 | 28993               | 17.02 | 23832               | 21.22 | 22422               | 23.43 |
| 16 | RMW-02B-14-042424 | 30566               | 17.02 | 22047               | 21.22 | 21005               | 23.44 |



8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN042524 SAS No.: BN042524 SDG NO.: BN042524

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Apr 26 2024 12:00AM

Lab File ID: BN030937.D Time Analyzed: 00:59

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

|                | IS4 (PHN)<br>AREA # | RT #  | IS5 (CRY)<br>AREA # | RT #  | IS6 (PRY)<br>AREA # | RT #  |
|----------------|---------------------|-------|---------------------|-------|---------------------|-------|
| 12 HOUR STD    | 16159               | 17.04 | 14118               | 21.24 | 13534               | 23.46 |
| UPPER LIMIT    | 32318               | 17.54 | 28236               | 21.74 | 27068               | 23.96 |
| LOWER LIMIT    | 8079.5              | 16.54 | 7059                | 20.74 | 6767                | 22.96 |
| EPA SAMPLE NO. |                     |       |                     |       |                     |       |

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

\* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN042524 SAS No.: BN042524 SDG NO.: BN042524

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Apr 25 2024 12:00AM

Lab File ID: BN031220.D Time Analyzed: 15:52

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

|    |                   | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----|-------------------|---------------------|--------|---------------------|--------|---------------------|--------|
|    | 12 HOUR STD       | 27948               | 17.029 | 24027               | 21.238 | 23387               | 23.455 |
|    | UPPER LIMIT       | 55896               | 17.529 | 48054               | 21.738 | 46774               | 23.955 |
|    | LOWER LIMIT       | 13974               | 16.529 | 12013.5             | 20.738 | 11693.5             | 22.955 |
|    | EPA SAMPLE NO.    |                     |        |                     |        |                     |        |
| 01 | PB160336BL        | 25554               | 17.03  | 21073               | 21.23  | 9323 *              | 23.45  |
| 02 | PB160336BS        | 25761               | 17.03  | 17325               | 21.23  | 6449 *              | 23.45  |
| 03 | PB160336BSD       | 27278               | 17.03  | 17045               | 21.23  | 5800 *              | 23.45  |
| 04 | RWM-01B-53-041124 | 26237               | 17.03  | 21547               | 21.23  | 20031               | 23.44  |
| 05 | PB160394BL        | 23507               | 17.03  | 16560               | 21.23  | 7563 *              | 23.45  |
| 06 | PB160394BS        | 26841               | 17.03  | 17548               | 21.23  | 5721 *              | 23.44  |
| 07 | PB160394BSD       | 25431               | 17.03  | 15663               | 21.23  | 6453 *              | 23.44  |
| 08 | RMW-04B-66-041724 | 28776               | 17.02  | 20747               | 21.23  | 19464               | 23.44  |
| 09 | EB-01-041724      | 25011               | 17.03  | 19477               | 21.23  | 20966               | 23.44  |
| 10 | RMW-05B-31-041824 | 28250               | 17.03  | 20375               | 21.23  | 18803               | 23.44  |
| 11 | PB160504BL        | 25226               | 17.03  | 16460               | 21.23  | 7474 *              | 23.44  |
| 12 | PB160504BS        | 26651               | 17.02  | 16546               | 21.22  | 6400 *              | 23.44  |
| 13 | PB160504BSD       | 26925               | 17.02  | 15870               | 21.22  | 6442 *              | 23.44  |
| 14 | RMW-03B-31-042224 | 29564               | 17.02  | 22155               | 21.22  | 20380               | 23.43  |
| 15 | RMW-03B-56-042324 | 28993               | 17.02  | 23832               | 21.22  | 22422               | 23.43  |
| 16 | RMW-02B-14-042424 | 30566               | 17.02  | 22047               | 21.22  | 21005               | 23.44  |

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN042524 SAS No.: BN042524 SDG NO.: BN042524

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Apr 26 2024 12:00AM

Lab File ID: BN031220.D Time Analyzed: 00:59

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

|                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 27948               | 17.029 | 24027               | 21.238 | 23387               | 23.455 |
| UPPER LIMIT    | 55896               | 17.529 | 48054               | 21.738 | 46774               | 23.955 |
| LOWER LIMIT    | 13974               | 16.529 | 12013.5             | 20.738 | 11693.5             | 22.955 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

\* Values outside of QC limits.

# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN042524

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

Analytical Method: **8270-Modified**

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | RPD  |      | Limits |      |     |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |      |     |     | Qual | Qual | Low    | High | RPD |
| PB160336BS    | n-Nitrosodimethylamine     | 0.4   | 0.37   | ug/L | 93  |     |      |      | 33     | 130  |     |
|               | bis(2-Chloroethyl)ether    | 0.4   | 0.35   | ug/L | 88  |     |      |      | 55     | 118  |     |
|               | Naphthalene                | 0.4   | 0.33   | ug/L | 83  |     |      |      | 67     | 120  |     |
|               | Hexachlorobutadiene        | 0.4   | 0.32   | ug/L | 80  |     |      |      | 33     | 114  |     |
|               | 2-Methylnaphthalene        | 0.4   | 0.33   | ug/L | 83  |     |      |      | 50     | 122  |     |
|               | Acenaphthylene             | 0.4   | 0.37   | ug/L | 93  |     |      |      | 60     | 119  |     |
|               | Acenaphthene               | 0.4   | 0.32   | ug/L | 80  |     |      |      | 65     | 119  |     |
|               | Total PAH                  | 6.4   | 7      | ug/L | 109 |     |      |      | 65     | 119  |     |
|               | Fluorene                   | 0.4   | 0.32   | ug/L | 80  |     |      |      | 58     | 122  |     |
|               | 4,6-Dinitro-2-methylphenol | 0.4   | 0.42   | ug/L | 105 |     |      |      | 20     | 150  |     |
|               | 4-Bromophenyl-phenylether  | 0.4   | 0.33   | ug/L | 83  |     |      |      | 20     | 150  |     |
|               | Hexachlorobenzene          | 0.4   | 0.32   | ug/L | 80  |     |      |      | 62     | 127  |     |
|               | Atrazine                   | 0.4   |        | ug/L | 0   |     | *    |      | 20     | 150  |     |
|               | Pentachlorophenol          | 0.8   | 0.97   | ug/L | 121 |     |      |      | 10     | 137  |     |
|               | Phenanthrene               | 0.4   | 0.32   | ug/L | 80  |     |      |      | 65     | 117  |     |
|               | Anthracene                 | 0.4   | 0.34   | ug/L | 85  |     |      |      | 57     | 118  |     |
|               | Fluoranthene               | 0.4   | 0.29   | ug/L | 73  |     |      |      | 53     | 126  |     |
|               | Pyrene                     | 0.4   | 0.36   | ug/L | 90  |     |      |      | 54     | 124  |     |
|               | Benzo(a)anthracene         | 0.4   | 0.38   | ug/L | 95  |     |      |      | 54     | 130  |     |
|               | Chrysene                   | 0.4   | 0.33   | ug/L | 83  |     |      |      | 64     | 126  |     |
|               | bis(2-Ethylhexyl)phthalate | 0.4   | 0.78   | ug/L | 195 |     | *    |      | 40     | 137  |     |
|               | Benzo(b)fluoranthene       | 0.4   | 0.76   | ug/L | 190 |     | *    |      | 65     | 121  |     |
|               | Benzo(k)fluoranthene       | 0.4   | 0.67   | ug/L | 168 |     | *    |      | 72     | 119  |     |
|               | Benzo(a)pyrene             | 0.4   | 0.44   | ug/L | 110 |     |      |      | 68     | 120  |     |
|               | Indeno(1,2,3-cd)pyrene     | 0.4   | 0.57   | ug/L | 143 |     | *    |      | 70     | 127  |     |
|               | Dibenz(a,h)anthracene      | 0.4   | 0.72   | ug/L | 180 |     | *    |      | 65     | 121  |     |
|               | Benzo(g,h,i)perylene       | 0.4   | 0.48   | ug/L | 120 |     | *    |      | 76     | 117  |     |
|               | 1,4-Dioxane                | 0.4   | 0.26   | ug/L | 65  |     |      |      | 60     | 132  |     |
| PB160336BSD   | n-Nitrosodimethylamine     | 0.4   | 0.37   | ug/L | 93  | 0   |      |      | 33     | 130  | 20  |
|               | bis(2-Chloroethyl)ether    | 0.4   | 0.35   | ug/L | 88  | 0   |      |      | 55     | 118  | 20  |
|               | Naphthalene                | 0.4   | 0.34   | ug/L | 85  | 3   |      |      | 67     | 120  | 20  |
|               | Hexachlorobutadiene        | 0.4   | 0.33   | ug/L | 83  | 3   |      |      | 33     | 114  | 20  |
|               | 2-Methylnaphthalene        | 0.4   | 0.33   | ug/L | 83  | 0   |      |      | 50     | 122  | 20  |
|               | Acenaphthylene             | 0.4   | 0.38   | ug/L | 95  | 3   |      |      | 60     | 119  | 20  |
|               | Acenaphthene               | 0.4   | 0.32   | ug/L | 80  | 0   |      |      | 65     | 119  | 20  |
|               | Total PAH                  | 6.4   | 7.58   | ug/L | 118 | 8   |      |      | 65     | 119  | 20  |
|               | Fluorene                   | 0.4   | 0.33   | ug/L | 83  | 3   |      |      | 58     | 122  | 20  |
|               | 4,6-Dinitro-2-methylphenol | 0.4   | 0.44   | ug/L | 110 | 5   |      |      | 20     | 150  | 20  |
|               | 4-Bromophenyl-phenylether  | 0.4   | 0.34   | ug/L | 85  | 3   |      |      | 20     | 150  | 20  |
|               | Hexachlorobenzene          | 0.4   | 0.32   | ug/L | 80  | 0   |      |      | 62     | 127  | 20  |
|               | Atrazine                   | 0.4   |        | ug/L | 0   | 0   | *    |      | 20     | 150  | 20  |
|               | Pentachlorophenol          | 0.8   | 0.99   | ug/L | 124 | 2   |      |      | 10     | 137  | 20  |
|               | Phenanthrene               | 0.4   | 0.33   | ug/L | 83  | 3   |      |      | 65     | 117  | 20  |
|               | Anthracene                 | 0.4   | 0.35   | ug/L | 88  | 3   |      |      | 57     | 118  | 20  |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN042524

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

Analytical Method: **8270-Modified**

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |      |     |     |      | Qual | Low    | High |     |
| PB160336BSD   | Fluoranthene               | 0.4   | 0.28   | ug/L | 70  | 4   |      |      | 53     | 126  | 20  |
|               | Pyrene                     | 0.4   | 0.38   | ug/L | 95  | 5   |      |      | 54     | 124  | 20  |
|               | Benzo(a)anthracene         | 0.4   | 0.38   | ug/L | 95  | 0   |      |      | 54     | 130  | 20  |
|               | Chrysene                   | 0.4   | 0.35   | ug/L | 88  | 6   |      |      | 64     | 126  | 20  |
|               | bis(2-Ethylhexyl)phthalate | 0.4   | 0.74   | ug/L | 185 | 5   | *    |      | 40     | 137  | 20  |
|               | Benzo(b)fluoranthene       | 0.4   | 0.85   | ug/L | 213 | 11  | *    |      | 65     | 121  | 20  |
|               | Benzo(k)fluoranthene       | 0.4   | 0.75   | ug/L | 188 | 11  | *    |      | 72     | 119  | 20  |
|               | Benzo(a)pyrene             | 0.4   | 0.49   | ug/L | 123 | 11  | *    |      | 68     | 120  | 20  |
|               | Indeno(1,2,3-cd)pyrene     | 0.4   | 0.66   | ug/L | 165 | 15  | *    |      | 70     | 127  | 20  |
|               | Dibenz(a,h)anthracene      | 0.4   | 0.82   | ug/L | 205 | 13  | *    |      | 65     | 121  | 20  |
|               | Benzo(g,h,i)perylene       | 0.4   | 0.57   | ug/L | 143 | 17  | *    |      | 76     | 117  | 20  |
|               | 1,4-Dioxane                | 0.4   | 0.26   | ug/L | 65  | 0   |      |      | 60     | 132  | 20  |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN042524

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

Analytical Method: **8270-Modified**

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |      |     |     |      | Qual | Low    | High |     |
| PB160394BS    | n-Nitrosodimethylamine     | 0.4   | 0.36   | ug/L | 90  |     |      |      | 33     | 130  |     |
|               | bis(2-Chloroethyl)ether    | 0.4   | 0.36   | ug/L | 90  |     |      |      | 55     | 118  |     |
|               | Naphthalene                | 0.4   | 0.33   | ug/L | 83  |     |      |      | 67     | 120  |     |
|               | Hexachlorobutadiene        | 0.4   | 0.32   | ug/L | 80  |     |      |      | 33     | 114  |     |
|               | 2-Methylnaphthalene        | 0.4   | 0.33   | ug/L | 83  |     |      |      | 50     | 122  |     |
|               | Acenaphthylene             | 0.4   | 0.36   | ug/L | 90  |     |      |      | 60     | 119  |     |
|               | Acenaphthene               | 0.4   | 0.33   | ug/L | 83  |     |      |      | 65     | 119  |     |
|               | Total PAH                  | 6.4   | 7.53   | ug/L | 118 |     |      |      | 65     | 119  |     |
|               | Fluorene                   | 0.4   | 0.32   | ug/L | 80  |     |      |      | 58     | 122  |     |
|               | 4,6-Dinitro-2-methylphenol | 0.4   | 0.44   | ug/L | 110 |     |      |      | 20     | 150  |     |
|               | 4-Bromophenyl-phenylether  | 0.4   | 0.33   | ug/L | 83  |     |      |      | 20     | 150  |     |
|               | Hexachlorobenzene          | 0.4   | 0.31   | ug/L | 78  |     |      |      | 62     | 127  |     |
|               | Atrazine                   | 0.4   |        | ug/L | 0   |     | *    |      | 20     | 150  |     |
|               | Pentachlorophenol          | 0.8   | 0.98   | ug/L | 123 |     |      |      | 10     | 137  |     |
|               | Phenanthrene               | 0.4   | 0.33   | ug/L | 83  |     |      |      | 65     | 117  |     |
|               | Anthracene                 | 0.4   | 0.35   | ug/L | 88  |     |      |      | 57     | 118  |     |
|               | Fluoranthene               | 0.4   | 0.29   | ug/L | 73  |     |      |      | 53     | 126  |     |
|               | Pyrene                     | 0.4   | 0.36   | ug/L | 90  |     |      |      | 54     | 124  |     |
|               | Benzo(a)anthracene         | 0.4   | 0.38   | ug/L | 95  |     |      |      | 54     | 130  |     |
|               | Chrysene                   | 0.4   | 0.35   | ug/L | 88  |     |      |      | 64     | 126  |     |
|               | bis(2-Ethylhexyl)phthalate | 0.4   | 0.69   | ug/L | 173 |     | *    |      | 40     | 137  |     |
|               | Benzo(b)fluoranthene       | 0.4   | 0.85   | ug/L | 213 |     | *    |      | 65     | 121  |     |
|               | Benzo(k)fluoranthene       | 0.4   | 0.76   | ug/L | 190 |     | *    |      | 72     | 119  |     |
|               | Benzo(a)pyrene             | 0.4   | 0.49   | ug/L | 123 |     | *    |      | 68     | 120  |     |
|               | Indeno(1,2,3-cd)pyrene     | 0.4   | 0.64   | ug/L | 160 |     | *    |      | 70     | 127  |     |
|               | Dibenz(a,h)anthracene      | 0.4   | 0.84   | ug/L | 210 |     | *    |      | 65     | 121  |     |
|               | Benzo(g,h,i)perylene       | 0.4   | 0.55   | ug/L | 138 |     | *    |      | 76     | 117  |     |
|               | 1,4-Dioxane                | 0.4   | 0.25   | ug/L | 63  |     |      |      | 60     | 132  |     |
| PB160394BSD   | n-Nitrosodimethylamine     | 0.4   | 0.35   | ug/L | 88  | 3   |      |      | 33     | 130  | 20  |
|               | bis(2-Chloroethyl)ether    | 0.4   | 0.38   | ug/L | 95  | 5   |      |      | 55     | 118  | 20  |
|               | Naphthalene                | 0.4   | 0.33   | ug/L | 83  | 0   |      |      | 67     | 120  | 20  |
|               | Hexachlorobutadiene        | 0.4   | 0.32   | ug/L | 80  | 0   |      |      | 33     | 114  | 20  |
|               | 2-Methylnaphthalene        | 0.4   | 0.32   | ug/L | 80  | 3   |      |      | 50     | 122  | 20  |
|               | Acenaphthylene             | 0.4   | 0.37   | ug/L | 93  | 3   |      |      | 60     | 119  | 20  |
|               | Acenaphthene               | 0.4   | 0.32   | ug/L | 80  | 3   |      |      | 65     | 119  | 20  |
|               | Total PAH                  | 6.4   | 6.91   | ug/L | 108 | 9   |      |      | 65     | 119  | 20  |
|               | Fluorene                   | 0.4   | 0.31   | ug/L | 78  | 3   |      |      | 58     | 122  | 20  |
|               | 4,6-Dinitro-2-methylphenol | 0.4   | 0.43   | ug/L | 108 | 2   |      |      | 20     | 150  | 20  |
|               | 4-Bromophenyl-phenylether  | 0.4   | 0.33   | ug/L | 83  | 0   |      |      | 20     | 150  | 20  |
|               | Hexachlorobenzene          | 0.4   | 0.32   | ug/L | 80  | 3   |      |      | 62     | 127  | 20  |
|               | Atrazine                   | 0.4   |        | ug/L | 0   | 0   | *    |      | 20     | 150  | 20  |
|               | Pentachlorophenol          | 0.8   | 0.94   | ug/L | 117 | 4   |      |      | 10     | 137  | 20  |
|               | Phenanthrene               | 0.4   | 0.32   | ug/L | 80  | 3   |      |      | 65     | 117  | 20  |
|               | Anthracene                 | 0.4   | 0.33   | ug/L | 83  | 6   |      |      | 57     | 118  | 20  |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN042524

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

Analytical Method: **8270-Modified**

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | RPD  |      | Low | Limits |     |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|-----|
|               |                            |       |        |      |     |     | Qual | Qual |     | High   | RPD |
| PB160394BSD   | Fluoranthene               | 0.4   | 0.27   | ug/L | 68  | 7   |      |      | 53  | 126    | 20  |
|               | Pyrene                     | 0.4   | 0.37   | ug/L | 93  | 3   |      |      | 54  | 124    | 20  |
|               | Benzo(a)anthracene         | 0.4   | 0.36   | ug/L | 90  | 5   |      |      | 54  | 130    | 20  |
|               | Chrysene                   | 0.4   | 0.33   | ug/L | 83  | 6   |      |      | 64  | 126    | 20  |
|               | bis(2-Ethylhexyl)phthalate | 0.4   | 0.65   | ug/L | 162 | 6   | *    |      | 40  | 137    | 20  |
|               | Benzo(b)fluoranthene       | 0.4   | 0.69   | ug/L | 173 | 21  | *    | *    | 65  | 121    | 20  |
|               | Benzo(k)fluoranthene       | 0.4   | 0.63   | ug/L | 158 | 19  | *    |      | 72  | 119    | 20  |
|               | Benzo(a)pyrene             | 0.4   | 0.48   | ug/L | 120 | 2   |      |      | 68  | 120    | 20  |
|               | Indeno(1,2,3-cd)pyrene     | 0.4   | 0.58   | ug/L | 145 | 10  | *    |      | 70  | 127    | 20  |
|               | Dibenz(a,h)anthracene      | 0.4   | 0.7    | ug/L | 175 | 18  | *    |      | 65  | 121    | 20  |
|               | Benzo(g,h,i)perylene       | 0.4   | 0.52   | ug/L | 130 | 6   | *    |      | 76  | 117    | 20  |
|               | 1,4-Dioxane                | 0.4   | 0.25   | ug/L | 63  | 0   |      |      | 60  | 132    | 20  |

# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN042524

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

Analytical Method: **8270-Modified**

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |      |     |     |      | Qual | Low    | High |     |
| PB160504BS    | n-Nitrosodimethylamine     | 0.4   | 0.38   | ug/L | 95  |     |      |      | 33     | 130  |     |
|               | bis(2-Chloroethyl)ether    | 0.4   | 0.39   | ug/L | 98  |     |      |      | 55     | 118  |     |
|               | Naphthalene                | 0.4   | 0.35   | ug/L | 88  |     |      |      | 67     | 120  |     |
|               | Hexachlorobutadiene        | 0.4   | 0.34   | ug/L | 85  |     |      |      | 33     | 114  |     |
|               | 2-Methylnaphthalene        | 0.4   | 0.34   | ug/L | 85  |     |      |      | 50     | 122  |     |
|               | Acenaphthylene             | 0.4   | 0.38   | ug/L | 95  |     |      |      | 60     | 119  |     |
|               | Acenaphthene               | 0.4   | 0.34   | ug/L | 85  |     |      |      | 65     | 119  |     |
|               | Total PAH                  | 6.4   | 7.39   | ug/L | 115 |     |      |      | 65     | 119  |     |
|               | Fluorene                   | 0.4   | 0.34   | ug/L | 85  |     |      |      | 58     | 122  |     |
|               | 4,6-Dinitro-2-methylphenol | 0.4   | 0.45   | ug/L | 113 |     |      |      | 20     | 150  |     |
|               | 4-Bromophenyl-phenylether  | 0.4   | 0.35   | ug/L | 88  |     |      |      | 20     | 150  |     |
|               | Hexachlorobenzene          | 0.4   | 0.34   | ug/L | 85  |     |      |      | 62     | 127  |     |
|               | Atrazine                   | 0.4   |        | ug/L | 0   |     | *    |      | 20     | 150  |     |
|               | Pentachlorophenol          | 0.8   | 0.98   | ug/L | 123 |     |      |      | 10     | 137  |     |
|               | Phenanthrene               | 0.4   | 0.34   | ug/L | 85  |     |      |      | 65     | 117  |     |
|               | Anthracene                 | 0.4   | 0.36   | ug/L | 90  |     |      |      | 57     | 118  |     |
|               | Fluoranthene               | 0.4   | 0.29   | ug/L | 73  |     |      |      | 53     | 126  |     |
|               | Pyrene                     | 0.4   | 0.39   | ug/L | 98  |     |      |      | 54     | 124  |     |
|               | Benzo(a)anthracene         | 0.4   | 0.39   | ug/L | 98  |     |      |      | 54     | 130  |     |
|               | Chrysene                   | 0.4   | 0.36   | ug/L | 90  |     |      |      | 64     | 126  |     |
|               | bis(2-Ethylhexyl)phthalate | 0.4   | 0.64   | ug/L | 160 |     | *    |      | 40     | 137  |     |
|               | Benzo(b)fluoranthene       | 0.4   | 0.77   | ug/L | 193 |     | *    |      | 65     | 121  |     |
|               | Benzo(k)fluoranthene       | 0.4   | 0.7    | ug/L | 175 |     | *    |      | 72     | 119  |     |
|               | Benzo(a)pyrene             | 0.4   | 0.5    | ug/L | 125 |     | *    |      | 68     | 120  |     |
|               | Indeno(1,2,3-cd)pyrene     | 0.4   | 0.6    | ug/L | 150 |     | *    |      | 70     | 127  |     |
|               | Dibenz(a,h)anthracene      | 0.4   | 0.75   | ug/L | 188 |     | *    |      | 65     | 121  |     |
|               | Benzo(g,h,i)perylene       | 0.4   | 0.53   | ug/L | 133 |     | *    |      | 76     | 117  |     |
|               | 1,4-Dioxane                | 0.4   | 0.26   | ug/L | 65  |     |      |      | 60     | 132  |     |
| PB160504BSD   | n-Nitrosodimethylamine     | 0.4   | 0.37   | ug/L | 93  | 3   |      |      | 33     | 130  | 20  |
|               | bis(2-Chloroethyl)ether    | 0.4   | 0.38   | ug/L | 95  | 3   |      |      | 55     | 118  | 20  |
|               | Naphthalene                | 0.4   | 0.35   | ug/L | 88  | 0   |      |      | 67     | 120  | 20  |
|               | Hexachlorobutadiene        | 0.4   | 0.33   | ug/L | 83  | 3   |      |      | 33     | 114  | 20  |
|               | 2-Methylnaphthalene        | 0.4   | 0.34   | ug/L | 85  | 0   |      |      | 50     | 122  | 20  |
|               | Acenaphthylene             | 0.4   | 0.38   | ug/L | 95  | 0   |      |      | 60     | 119  | 20  |
|               | Acenaphthene               | 0.4   | 0.34   | ug/L | 85  | 0   |      |      | 65     | 119  | 20  |
|               | Total PAH                  | 6.4   | 7.17   | ug/L | 112 | 3   |      |      | 65     | 119  | 20  |
|               | Fluorene                   | 0.4   | 0.33   | ug/L | 83  | 3   |      |      | 58     | 122  | 20  |
|               | 4,6-Dinitro-2-methylphenol | 0.4   | 0.44   | ug/L | 110 | 2   |      |      | 20     | 150  | 20  |
|               | 4-Bromophenyl-phenylether  | 0.4   | 0.34   | ug/L | 85  | 3   |      |      | 20     | 150  | 20  |
|               | Hexachlorobenzene          | 0.4   | 0.33   | ug/L | 83  | 3   |      |      | 62     | 127  | 20  |
|               | Atrazine                   | 0.4   |        | ug/L | 0   | 0   | *    |      | 20     | 150  | 20  |
|               | Pentachlorophenol          | 0.8   | 0.95   | ug/L | 119 | 3   |      |      | 10     | 137  | 20  |
|               | Phenanthrene               | 0.4   | 0.33   | ug/L | 83  | 3   |      |      | 65     | 117  | 20  |
|               | Anthracene                 | 0.4   | 0.35   | ug/L | 88  | 3   |      |      | 57     | 118  | 20  |



## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN042524

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

Analytical Method: **8270-Modified**

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  |     | Limits |     |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|-----|
|               |                            |       |        |      |     |     |      | Qual | Low | High   | RPD |
| PB160504BSD   | Fluoranthene               | 0.4   | 0.28   | ug/L | 70  | 4   |      |      | 53  | 126    | 20  |
|               | Pyrene                     | 0.4   | 0.39   | ug/L | 98  | 0   |      |      | 54  | 124    | 20  |
|               | Benzo(a)anthracene         | 0.4   | 0.38   | ug/L | 95  | 3   |      |      | 54  | 130    | 20  |
|               | Chrysene                   | 0.4   | 0.35   | ug/L | 88  | 3   |      |      | 64  | 126    | 20  |
|               | bis(2-Ethylhexyl)phthalate | 0.4   | 0.61   | ug/L | 153 | 5   | *    |      | 40  | 137    | 20  |
|               | Benzo(b)fluoranthene       | 0.4   | 0.73   | ug/L | 183 | 5   | *    |      | 65  | 121    | 20  |
|               | Benzo(k)fluoranthene       | 0.4   | 0.65   | ug/L | 162 | 7   | *    |      | 72  | 119    | 20  |
|               | Benzo(a)pyrene             | 0.4   | 0.5    | ug/L | 125 | 0   | *    |      | 68  | 120    | 20  |
|               | Indeno(1,2,3-cd)pyrene     | 0.4   | 0.58   | ug/L | 145 | 3   | *    |      | 70  | 127    | 20  |
|               | Dibenz(a,h)anthracene      | 0.4   | 0.71   | ug/L | 178 | 5   | *    |      | 65  | 121    | 20  |
|               | Benzo(g,h,i)perylene       | 0.4   | 0.52   | ug/L | 130 | 2   | *    |      | 76  | 117    | 20  |
|               | 1,4-Dioxane                | 0.4   | 0.26   | ug/L | 65  | 0   |      |      | 60  | 132    | 20  |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160336BL

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN042524

SAS No.: BN042524 SDG NO.: BN042524

Lab File ID: BN031221.D

Lab Sample ID: PB160336BL

Instrument ID: BNA\_N

Date Extracted: 04/16/2024

Matrix: (soil/water) Water

Date Analyzed: 04/25/2024

Level: (low/med) LOW

Time Analyzed: 15:52

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 |
|-------------------|------------------|----------------|------------------|
| PB160336BS        | PB160336BS       | BN031222.D     | 04/25/2024       |
| PB160336BSD       | PB160336BSD      | BN031223.D     | 04/25/2024       |
| RWM-01B-53-041124 | P2093-01         | BN031224.D     | 04/25/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160394BL

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN042524

SAS No.: BN042524 SDG NO.: BN042524

Lab File ID: BN031225.D

Lab Sample ID: PB160394BL

Instrument ID: BNA\_N

Date Extracted: 04/19/2024

Matrix: (soil/water) Water

Date Analyzed: 04/25/2024

Level: (low/med) LOW

Time Analyzed: 18:19

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 |
|-------------------|------------------|----------------|------------------|
| PB160394BS        | PB160394BS       | BN031226.D     | 04/25/2024       |
| PB160394BSD       | PB160394BSD      | BN031227.D     | 04/25/2024       |
| RMW-04B-66-041724 | P2129-01         | BN031228.D     | 04/25/2024       |
| EB-01-041724      | P2129-02         | BN031229.D     | 04/25/2024       |
| RMW-05B-31-041824 | P2198-01         | BN031230.D     | 04/25/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160504BL

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN042524

SAS No.: BN042524 SDG NO.: BN042524

Lab File ID: BN031231.D

Lab Sample ID: PB160504BL

Instrument ID: BNA\_N

Date Extracted: 04/25/2024

Matrix: (soil/water) Water

Date Analyzed: 04/25/2024

Level: (low/med) LOW

Time Analyzed: 21:57

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 |
|-------------------|------------------|----------------|------------------|
| PB160504BS        | PB160504BS       | BN031232.D     | 04/25/2024       |
| PB160504BSD       | PB160504BSD      | BN031233.D     | 04/25/2024       |
| RMW-03B-31-042224 | P2233-01         | BN031234.D     | 04/25/2024       |
| RMW-03B-56-042324 | P2248-01         | BN031235.D     | 04/26/2024       |
| RMW-02B-14-042424 | P2265-03         | BN031236.D     | 04/26/2024       |

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

## Surrogate Summary

SW-846

SDG No.: **BN042524**

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

Analytical Method: **8270-Modified**

| Lab Sample ID | Client ID       | Datafile   | Parameter               | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------------|------------|-------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                 |            |                         |                |                 |              |      | Low        | High |
| P2093-01      | RWM-01B-53-0411 | BN031224.D | 2-Methylnaphthalene-d10 | 0.4            | 0.31            | 77           |      | 30         | 150  |
|               |                 |            | Fluoranthene-d10        | 0.4            | 0.35            | 87           |      | 30         | 150  |
|               |                 |            | 2-Fluorophenol          | 0.4            | 0.17            | 43           |      | 10         | 92   |
|               |                 |            | Phenol-d6               | 0.4            | 0.11            | 27           |      | 10         | 100  |
|               |                 |            | Nitrobenzene-d5         | 0.4            | 0.34            | 85           |      | 11         | 175  |
|               |                 |            | 2-Fluorobiphenyl        | 0.4            | 0.35            | 88           |      | 10         | 175  |
|               |                 |            | 2,4,6-Tribromophenol    | 0.4            | 0.44            | 109          |      | 24         | 148  |
|               |                 |            | Terphenyl-d14           | 0.4            | 0.37            | 92           |      | 54         | 171  |
| PB160336BL    | PB160336BL      | BN031221.D | 2-Methylnaphthalene-d10 | 0.4            | 0.33            | 83           |      | 30         | 150  |
|               |                 |            | Fluoranthene-d10        | 0.4            | 0.33            | 83           |      | 30         | 150  |
|               |                 |            | 2-Fluorophenol          | 0.4            | 0.44            | 110          | *    | 10         | 92   |
|               |                 |            | Phenol-d6               | 0.4            | 0.43            | 108          | *    | 10         | 100  |
|               |                 |            | Nitrobenzene-d5         | 0.4            | 0.38            | 94           |      | 11         | 175  |
|               |                 |            | 2-Fluorobiphenyl        | 0.4            | 0.38            | 96           |      | 10         | 175  |
|               |                 |            | 2,4,6-Tribromophenol    | 0.4            | 0.42            | 106          |      | 24         | 148  |
|               |                 |            | Terphenyl-d14           | 0.4            | 0.36            | 89           |      | 54         | 171  |
| PB160336BS    | PB160336BS      | BN031222.D | 2-Methylnaphthalene-d10 | 0.4            | 0.55            | 138          |      | 30         | 150  |
|               |                 |            | Fluoranthene-d10        | 0.4            | 0.30            | 76           |      | 30         | 150  |
|               |                 |            | 2-Fluorophenol          | 0.4            | 0.43            | 108          | *    | 10         | 92   |
|               |                 |            | Phenol-d6               | 0.4            | 0.44            | 111          | *    | 10         | 100  |
|               |                 |            | Nitrobenzene-d5         | 0.4            | 0.38            | 96           |      | 11         | 175  |
|               |                 |            | 2-Fluorobiphenyl        | 0.4            | 0.39            | 97           |      | 10         | 175  |
|               |                 |            | 2,4,6-Tribromophenol    | 0.4            | 0.44            | 111          |      | 24         | 148  |
|               |                 |            | Terphenyl-d14           | 0.4            | 0.39            | 98           |      | 54         | 171  |
| PB160336BSD   | PB160336BSD     | BN031223.D | 2-Methylnaphthalene-d10 | 0.4            | 0.49            | 123          |      | 30         | 150  |
|               |                 |            | Fluoranthene-d10        | 0.4            | 0.30            | 75           |      | 30         | 150  |
|               |                 |            | 2-Fluorophenol          | 0.4            | 0.44            | 111          | *    | 10         | 92   |
|               |                 |            | Phenol-d6               | 0.4            | 0.45            | 113          | *    | 10         | 100  |
|               |                 |            | Nitrobenzene-d5         | 0.4            | 0.39            | 97           |      | 11         | 175  |
|               |                 |            | 2-Fluorobiphenyl        | 0.4            | 0.40            | 99           |      | 10         | 175  |
|               |                 |            | 2,4,6-Tribromophenol    | 0.4            | 0.45            | 112          |      | 24         | 148  |
|               |                 |            | Terphenyl-d14           | 0.4            | 0.41            | 102          |      | 54         | 171  |

## Surrogate Summary

SW-846

SDG No.: **BN042524**

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

Analytical Method: **8270-Modified**

| Lab Sample ID | Client ID       | Datafile   | Parameter               | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------------|------------|-------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                 |            |                         |                |                 |              |      | Low        | High |
| P2129-01      | RMW-04B-66-0417 | BN031228.D | 2-Methylnaphthalene-d10 | 0.4            | 0.30            | 75           |      | 30         | 150  |
|               |                 |            | Fluoranthene-d10        | 0.4            | 0.32            | 80           |      | 30         | 150  |
|               |                 |            | 2-Fluorophenol          | 0.4            | 0.16            | 41           |      | 10         | 92   |
|               |                 |            | Phenol-d6               | 0.4            | 0.10            | 24           |      | 10         | 100  |
|               |                 |            | Nitrobenzene-d5         | 0.4            | 0.33            | 83           |      | 11         | 175  |
|               |                 |            | 2-Fluorobiphenyl        | 0.4            | 0.34            | 84           |      | 10         | 175  |
|               |                 |            | 2,4,6-Tribromophenol    | 0.4            | 0.44            | 109          |      | 24         | 148  |
|               |                 |            | Terphenyl-d14           | 0.4            | 0.39            | 98           |      | 54         | 171  |
| P2129-02      | EB-01-041724    | BN031229.D | 2-Methylnaphthalene-d10 | 0.4            | 0.26            | 65           |      | 30         | 150  |
|               |                 |            | Fluoranthene-d10        | 0.4            | 0.30            | 75           |      | 30         | 150  |
|               |                 |            | 2-Fluorophenol          | 0.4            | 0.12            | 29           |      | 10         | 92   |
|               |                 |            | Phenol-d6               | 0.4            | 0.07            | 17           |      | 10         | 100  |
|               |                 |            | Nitrobenzene-d5         | 0.4            | 0.30            | 74           |      | 11         | 175  |
|               |                 |            | 2-Fluorobiphenyl        | 0.4            | 0.31            | 78           |      | 10         | 175  |
|               |                 |            | 2,4,6-Tribromophenol    | 0.4            | 0.29            | 72           |      | 24         | 148  |
|               |                 |            | Terphenyl-d14           | 0.4            | 0.35            | 87           |      | 54         | 171  |
| P2198-01      | RMW-05B-31-0418 | BN031230.D | 2-Methylnaphthalene-d10 | 0.4            | 0.25            | 63           |      | 30         | 150  |
|               |                 |            | Fluoranthene-d10        | 0.4            | 0.30            | 75           |      | 30         | 150  |
|               |                 |            | 2-Fluorophenol          | 0.4            | 0.15            | 38           |      | 10         | 92   |
|               |                 |            | Phenol-d6               | 0.4            | 0.10            | 25           |      | 10         | 100  |
|               |                 |            | Nitrobenzene-d5         | 0.4            | 0.27            | 68           |      | 11         | 175  |
|               |                 |            | 2-Fluorobiphenyl        | 0.4            | 0.27            | 68           |      | 10         | 175  |
|               |                 |            | 2,4,6-Tribromophenol    | 0.4            | 0.34            | 86           |      | 24         | 148  |
|               |                 |            | Terphenyl-d14           | 0.4            | 0.35            | 88           |      | 54         | 171  |
| PB160394BL    | PB160394BL      | BN031225.D | 2-Methylnaphthalene-d10 | 0.4            | 0.33            | 82           |      | 30         | 150  |
|               |                 |            | Fluoranthene-d10        | 0.4            | 0.31            | 76           |      | 30         | 150  |
|               |                 |            | 2-Fluorophenol          | 0.4            | 0.43            | 108          | *    | 10         | 92   |
|               |                 |            | Phenol-d6               | 0.4            | 0.42            | 104          | *    | 10         | 100  |
|               |                 |            | Nitrobenzene-d5         | 0.4            | 0.38            | 94           |      | 11         | 175  |
|               |                 |            | 2-Fluorobiphenyl        | 0.4            | 0.40            | 100          |      | 10         | 175  |
|               |                 |            | 2,4,6-Tribromophenol    | 0.4            | 0.39            | 97           |      | 24         | 148  |
|               |                 |            | Terphenyl-d14           | 0.4            | 0.37            | 93           |      | 54         | 171  |
| PB160394BS    | PB160394BS      | BN031226.D | 2-Methylnaphthalene-d10 | 0.4            | 0.33            | 82           |      | 30         | 150  |
|               |                 |            | Fluoranthene-d10        | 0.4            | 0.31            | 77           |      | 30         | 150  |
|               |                 |            | 2-Fluorophenol          | 0.4            | 0.43            | 108          | *    | 10         | 92   |
|               |                 |            | Phenol-d6               | 0.4            | 0.44            | 110          | *    | 10         | 100  |
|               |                 |            | Nitrobenzene-d5         | 0.4            | 0.39            | 98           |      | 11         | 175  |
|               |                 |            | 2-Fluorobiphenyl        | 0.4            | 0.40            | 99           |      | 10         | 175  |
|               |                 |            | 2,4,6-Tribromophenol    | 0.4            | 0.44            | 111          |      | 24         | 148  |
|               |                 |            | Terphenyl-d14           | 0.4            | 0.40            | 101          |      | 54         | 171  |
| PB160394BSD   | PB160394BSD     | BN031227.D | 2-Methylnaphthalene-d10 | 0.4            | 0.35            | 86           |      | 30         | 150  |
|               |                 |            | Fluoranthene-d10        | 0.4            | 0.28            | 70           |      | 30         | 150  |
|               |                 |            | 2-Fluorophenol          | 0.4            | 0.42            | 104          | *    | 10         | 92   |
|               |                 |            | Phenol-d6               | 0.4            | 0.42            | 106          | *    | 10         | 100  |
|               |                 |            | Nitrobenzene-d5         | 0.4            | 0.37            | 93           |      | 11         | 175  |
|               |                 |            | 2-Fluorobiphenyl        | 0.4            | 0.38            | 95           |      | 10         | 175  |
|               |                 |            | 2,4,6-Tribromophenol    | 0.4            | 0.41            | 103          |      | 24         | 148  |
|               |                 |            | Terphenyl-d14           | 0.4            | 0.38            | 95           |      | 54         | 171  |

## Surrogate Summary

SW-846

SDG No.: **BN042524**

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

Analytical Method: **8270-Modified**

| Lab Sample ID | Client ID       | Datafile   | Parameter               | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------------|------------|-------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                 |            |                         |                |                 |              |      | Low        | High |
| P2233-01      | RMW-03B-31-0422 | BN031234.D | 2-Methylnaphthalene-d10 | 0.4            | 0.30            | 76           |      | 30         | 150  |
|               |                 |            | Fluoranthene-d10        | 0.4            | 0.36            | 90           |      | 30         | 150  |
|               |                 |            | 2-Fluorophenol          | 0.4            | 0.17            | 41           |      | 10         | 92   |
|               |                 |            | Phenol-d6               | 0.4            | 0.11            | 27           |      | 10         | 100  |
|               |                 |            | Nitrobenzene-d5         | 0.4            | 0.33            | 83           |      | 11         | 175  |
|               |                 |            | 2-Fluorobiphenyl        | 0.4            | 0.33            | 83           |      | 10         | 175  |
|               |                 |            | 2,4,6-Tribromophenol    | 0.4            | 0.46            | 114          |      | 24         | 148  |
|               |                 |            | Terphenyl-d14           | 0.4            | 0.42            | 104          |      | 54         | 171  |
| P2248-01      | RMW-03B-56-0423 | BN031235.D | 2-Methylnaphthalene-d10 | 0.4            | 0.31            | 76           |      | 30         | 150  |
|               |                 |            | Fluoranthene-d10        | 0.4            | 0.35            | 87           |      | 30         | 150  |
|               |                 |            | 2-Fluorophenol          | 0.4            | 0.17            | 42           |      | 10         | 92   |
|               |                 |            | Phenol-d6               | 0.4            | 0.10            | 26           |      | 10         | 100  |
|               |                 |            | Nitrobenzene-d5         | 0.4            | 0.32            | 81           |      | 11         | 175  |
|               |                 |            | 2-Fluorobiphenyl        | 0.4            | 0.36            | 89           |      | 10         | 175  |
|               |                 |            | 2,4,6-Tribromophenol    | 0.4            | 0.43            | 108          |      | 24         | 148  |
|               |                 |            | Terphenyl-d14           | 0.4            | 0.37            | 93           |      | 54         | 171  |
| P2265-03      | RMW-02B-14-0424 | BN031236.D | 2-Methylnaphthalene-d10 | 0.4            | 0.30            | 76           |      | 30         | 150  |
|               |                 |            | Fluoranthene-d10        | 0.4            | 0.32            | 80           |      | 30         | 150  |
|               |                 |            | 2-Fluorophenol          | 0.4            | 0.14            | 34           |      | 10         | 92   |
|               |                 |            | Phenol-d6               | 0.4            | 0.08            | 19           |      | 10         | 100  |
|               |                 |            | Nitrobenzene-d5         | 0.4            | 0.31            | 78           |      | 11         | 175  |
|               |                 |            | 2-Fluorobiphenyl        | 0.4            | 0.35            | 86           |      | 10         | 175  |
|               |                 |            | 2,4,6-Tribromophenol    | 0.4            | 0.37            | 92           |      | 24         | 148  |
|               |                 |            | Terphenyl-d14           | 0.4            | 0.38            | 96           |      | 54         | 171  |
| PB160504BL    | PB160504BL      | BN031231.D | 2-Methylnaphthalene-d10 | 0.4            | 0.33            | 83           |      | 30         | 150  |
|               |                 |            | Fluoranthene-d10        | 0.4            | 0.31            | 77           |      | 30         | 150  |
|               |                 |            | 2-Fluorophenol          | 0.4            | 0.44            | 109          | *    | 10         | 92   |
|               |                 |            | Phenol-d6               | 0.4            | 0.42            | 105          | *    | 10         | 100  |
|               |                 |            | Nitrobenzene-d5         | 0.4            | 0.37            | 92           |      | 11         | 175  |
|               |                 |            | 2-Fluorobiphenyl        | 0.4            | 0.40            | 99           |      | 10         | 175  |
|               |                 |            | 2,4,6-Tribromophenol    | 0.4            | 0.41            | 103          |      | 24         | 148  |
|               |                 |            | Terphenyl-d14           | 0.4            | 0.40            | 100          |      | 54         | 171  |
| PB160504BS    | PB160504BS      | BN031232.D | 2-Methylnaphthalene-d10 | 0.4            | 0.35            | 87           |      | 30         | 150  |
|               |                 |            | Fluoranthene-d10        | 0.4            | 0.31            | 76           |      | 30         | 150  |
|               |                 |            | 2-Fluorophenol          | 0.4            | 0.45            | 113          | *    | 10         | 92   |
|               |                 |            | Phenol-d6               | 0.4            | 0.46            | 115          | *    | 10         | 100  |
|               |                 |            | Nitrobenzene-d5         | 0.4            | 0.40            | 99           |      | 11         | 175  |
|               |                 |            | 2-Fluorobiphenyl        | 0.4            | 0.42            | 104          |      | 10         | 175  |
|               |                 |            | 2,4,6-Tribromophenol    | 0.4            | 0.43            | 108          |      | 24         | 148  |
|               |                 |            | Terphenyl-d14           | 0.4            | 0.42            | 104          |      | 54         | 171  |
| PB160504BSD   | PB160504BSD     | BN031233.D | 2-Methylnaphthalene-d10 | 0.4            | 0.34            | 84           |      | 30         | 150  |
|               |                 |            | Fluoranthene-d10        | 0.4            | 0.29            | 73           |      | 30         | 150  |
|               |                 |            | 2-Fluorophenol          | 0.4            | 0.44            | 110          | *    | 10         | 92   |
|               |                 |            | Phenol-d6               | 0.4            | 0.45            | 112          | *    | 10         | 100  |
|               |                 |            | Nitrobenzene-d5         | 0.4            | 0.38            | 96           |      | 11         | 175  |
|               |                 |            | 2-Fluorobiphenyl        | 0.4            | 0.41            | 102          |      | 10         | 175  |
|               |                 |            | 2,4,6-Tribromophenol    | 0.4            | 0.43            | 107          |      | 24         | 148  |
|               |                 |            | Terphenyl-d14           | 0.4            | 0.42            | 104          |      | 54         | 171  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN042524

Lab Code: CHEM

SAS No.: BN042524 SDG NO.: BN042524

Lab File ID: BN031219.D

DFTPP Injection Date: 04/25/2024

Instrument ID: BNA\_N

DFTPP Injection Time: 13:49

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 34.6                 |
| 68  | Less than 2.0% of mass 69          | 0.7 ( 1.8 ) 1        |
| 69  | Mass 69 relative abundance         | 37.2                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 47.9                 |
| 197 | Less than 2.0% of mass 198         | 0.3                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.9                  |
| 275 | 10.0 - 60.0% of mass 198           | 26.3                 |
| 365 | Greater than 1% of mass 198        | 3.6                  |
| 441 | Present, but less than mass 443    | 11.3                 |
| 442 | Greater than 50% of mass 198       | 73.9                 |
| 443 | 15.0 - 24.0% of mass 442           | 14.6 ( 19.7 ) 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       | BN031220.D     | 04/25/2024       | 15:16            |
| PB160336BL        | PB160336BL       | BN031221.D     | 04/25/2024       | 15:52            |
| PB160336BS        | PB160336BS       | BN031222.D     | 04/25/2024       | 16:29            |
| PB160336BSD       | PB160336BSD      | BN031223.D     | 04/25/2024       | 17:05            |
| RWM-01B-53-041124 | P2093-01         | BN031224.D     | 04/25/2024       | 17:42            |
| PB160394BL        | PB160394BL       | BN031225.D     | 04/25/2024       | 18:19            |
| PB160394BS        | PB160394BS       | BN031226.D     | 04/25/2024       | 18:55            |
| PB160394BSD       | PB160394BSD      | BN031227.D     | 04/25/2024       | 19:31            |
| RMW-04B-66-041724 | P2129-01         | BN031228.D     | 04/25/2024       | 20:08            |
| EB-01-041724      | P2129-02         | BN031229.D     | 04/25/2024       | 20:44            |
| RMW-05B-31-041824 | P2198-01         | BN031230.D     | 04/25/2024       | 21:20            |
| PB160504BL        | PB160504BL       | BN031231.D     | 04/25/2024       | 21:57            |
| PB160504BS        | PB160504BS       | BN031232.D     | 04/25/2024       | 22:33            |
| PB160504BSD       | PB160504BSD      | BN031233.D     | 04/25/2024       | 23:09            |
| RMW-03B-31-042224 | P2233-01         | BN031234.D     | 04/25/2024       | 23:45            |
| RMW-03B-56-042324 | P2248-01         | BN031235.D     | 04/26/2024       | 00:22            |
| RMW-02B-14-042424 | P2265-03         | BN031236.D     | 04/26/2024       | 00:59            |