

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BF012125 SAS No.: BF012125 SDG No.: BF012125

Instrument ID: BNA\_F Calibration Date/Time: 1/21/2025 11:44

Lab File ID: BF141228.D Init. Calib. Date(s): \_\_\_\_\_

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

GC Column: DB-UI ID: 0.18 (mm)

| COMPOUND                    | RRF   | RRF040 | MIN RRF | %D      | MAX%D |
|-----------------------------|-------|--------|---------|---------|-------|
| n-Nitrosodimethylamine      | 0.691 | 0.639  |         | -7.525  |       |
| Pyridine                    | 1.414 | 1.283  |         | -9.264  |       |
| 2-Fluorophenol              | 1.295 | 1.232  |         | -4.865  |       |
| Benzaldehyde                | 0.966 | 1.005  |         | 4.037   |       |
| Aniline                     | 1.456 | 1.229  |         | -15.591 |       |
| Phenol-d6                   | 1.640 | 1.539  |         | -6.159  |       |
| Phenol                      | 1.756 | 1.625  |         | -7.46   | 20.0  |
| bis(2-Chloroethyl) ether    | 1.308 | 1.259  |         | -3.746  |       |
| 2-Chlorophenol              | 1.389 | 1.330  |         | -4.248  |       |
| 1,2-Dichlorobenzene         | 1.456 | 1.410  |         | -3.159  |       |
| 1,3-Dichlorobenzene         | 1.549 | 1.503  |         | -2.97   |       |
| 1,4-Dichlorobenzene         | 1.561 | 1.504  |         | -3.652  | 20.0  |
| Benzyl Alcohol              | 1.184 | 1.121  |         | -5.321  |       |
| 2-Methylphenol              | 1.121 | 1.062  |         | -5.263  |       |
| 2,2-oxybis(1-Chloropropane) | 1.826 | 1.633  |         | -10.57  |       |
| Acetophenone                | 0.475 | 0.463  |         | -2.526  |       |
| 3+4-Methylphenols           | 1.415 | 1.312  |         | -7.279  |       |
| n-Nitroso-di-n-propylamine  | 0.966 | 0.868  | 0.050   | -10.145 |       |
| Nitrobenzene-d5             | 0.377 | 0.369  |         | -2.122  |       |
| Hexachloroethane            | 0.565 | 0.555  |         | -1.77   |       |
| Nitrobenzene                | 0.393 | 0.380  |         | -3.308  |       |
| Isophorone                  | 0.645 | 0.617  |         | -4.341  |       |
| 2-Nitrophenol               | 0.179 | 0.184  |         | 2.793   | 20.0  |
| 2,4-Dimethylphenol          | 0.241 | 0.236  |         | -2.075  |       |
| bis(2-Chloroethoxy) methane | 0.405 | 0.393  |         | -2.963  |       |
| 2,4-Dichlorophenol          | 0.287 | 0.287  |         | 0.0     | 20.0  |
| 1,2,4-Trichlorobenzene      | 0.328 | 0.332  |         | 1.22    |       |
| Benzoic acid                | 0.231 | 0.222  |         | -3.896  |       |
| Naphthalene                 | 1.055 | 1.037  |         | -1.706  |       |
| 4-Chloroaniline             | 0.365 | 0.318  |         | -12.877 |       |
| Hexachlorobutadiene         | 0.197 | 0.204  |         | 3.553   | 20.0  |
| Caprolactam                 | 0.094 | 0.085  |         | -9.574  |       |
| 4-Chloro-3-methylphenol     | 0.313 | 0.298  |         | -4.792  | 20.0  |
| 2-Methylnaphthalene         | 0.672 | 0.656  |         | -2.381  |       |
| Hexachlorocyclopentadiene   | 0.188 | 0.216  | 0.050   | 14.894  |       |
| 2,4,6-Trichlorophenol       | 0.387 | 0.398  |         | 2.842   | 20.0  |
| 2-Fluorobiphenyl            | 1.310 | 1.315  |         | 0.382   |       |
| 2,4,5-Trichlorophenol       | 0.409 | 0.409  |         | 0.0     |       |
| 1,1-Biphenyl                | 1.553 | 1.559  |         | 0.386   |       |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BF012125 SAS No.: BF012125 SDG No.: BF012125

Instrument ID: BNA\_F Calibration Date/Time: 1/21/2025 11:44

Lab File ID: BF141228.D Init. Calib. Date(s): \_\_\_\_\_

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

GC Column: DB-UI ID: 0.18 (mm)

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D      | MAX%D |
|----------------------------|-------|--------|------------|---------|-------|
| 2-Chloronaphthalene        | 1.210 | 1.218  |            | 0.661   |       |
| 2-Nitroaniline             | 0.359 | 0.344  |            | -4.178  |       |
| Dimethylphthalate          | 1.343 | 1.301  |            | -3.127  |       |
| Acenaphthylene             | 1.728 | 1.693  |            | -2.025  |       |
| 2,6-Dinitrotoluene         | 0.312 | 0.306  |            | -1.923  |       |
| 3-Nitroaniline             | 0.317 | 0.293  |            | -7.571  |       |
| Acenaphthene               | 1.208 | 1.184  |            | -1.987  | 20.0  |
| 2,4-Dinitrophenol          | 0.148 | 0.146  | 0.050      | -1.351  |       |
| 4-Nitrophenol              | 0.248 | 0.233  | 0.050      | -6.048  |       |
| Dibenzofuran               | 1.642 | 1.611  |            | -1.888  |       |
| 2,4-Dinitrotoluene         | 0.402 | 0.399  |            | -0.746  |       |
| Diethylphthalate           | 1.311 | 1.268  |            | -3.28   |       |
| 4-Chlorophenyl-phenylether | 0.622 | 0.619  |            | -0.482  |       |
| Fluorene                   | 1.276 | 1.242  |            | -2.665  |       |
| 4-Nitroaniline             | 0.311 | 0.291  |            | -6.431  |       |
| 4,6-Dinitro-2-methylphenol | 0.116 | 0.130  |            | 12.069  |       |
| n-Nitrosodiphenylamine     | 0.645 | 0.672  |            | 4.186   | 20.0  |
| Azobenzene                 | 1.293 | 1.218  |            | -5.8    |       |
| 2,4,6-Tribromophenol       | 0.228 | 0.230  |            | 0.877   |       |
| 4-Bromophenyl-phenylether  | 0.230 | 0.249  |            | 8.261   |       |
| Hexachlorobenzene          | 0.256 | 0.272  |            | 6.25    |       |
| Atrazine                   | 0.174 | 0.191  |            | 9.77    |       |
| Pentachlorophenol          | 0.164 | 0.174  |            | 6.098   | 20.0  |
| Phenanthrene               | 1.074 | 1.091  |            | 1.583   |       |
| Anthracene                 | 1.044 | 1.065  |            | 2.011   |       |
| Carbazole                  | 0.957 | 0.957  |            | 0.0     |       |
| Di-n-butylphthalate        | 1.096 | 1.144  |            | 4.38    |       |
| Fluoranthene               | 1.071 | 1.087  |            | 1.494   | 20.0  |
| Benzidine                  | 0.371 | 0.254  |            | -31.536 |       |
| Pyrene                     | 1.910 | 1.559  |            | -18.377 |       |
| Terphenyl-d14              | 1.346 | 1.155  |            | -14.19  |       |
| Butylbenzylphthalate       | 0.637 | 0.632  |            | -0.785  |       |
| 3,3-Dichlorobenzidine      | 0.433 | 0.428  |            | -1.155  |       |
| Benzo(a)anthracene         | 1.361 | 1.287  |            | -5.437  |       |
| Chrysene                   | 1.274 | 1.214  |            | -4.71   |       |
| Bis(2-ethylhexyl)phthalate | 0.764 | 0.878  |            | 14.921  |       |
| Di-n-octyl phthalate       | 1.154 | 1.561  |            | 35.269  | 20.0  |
| Benzo(b)fluoranthene       | 1.290 | 1.301  |            | 0.853   |       |
| Benzo(k)fluoranthene       | 1.090 | 1.025  |            | -5.963  |       |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BF012125 SAS No.: BF012125 SDG No.: BF012125

Instrument ID: BNA\_F Calibration Date/Time: 1/21/2025 11:44

Lab File ID: BF141228.D Init. Calib. Date(s): \_\_\_\_\_

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

GC Column: DB-UI ID: 0.18 (mm)

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D     | MAX%D |
|----------------------------|-------|--------|------------|--------|-------|
| Benzo(a)pyrene             | 1.064 | 1.051  |            | -1.222 | 20.0  |
| Indeno(1,2,3-cd)pyrene     | 1.465 | 1.402  |            | -4.3   |       |
| Dibenzo(a,h)anthracene     | 1.185 | 1.148  |            | -3.122 |       |
| Benzo(g,h,i)perylene       | 1.233 | 1.182  |            | -4.136 |       |
| 1,2,4,5-Tetrachlorobenzene | 0.574 | 0.597  |            | 4.007  |       |
| 1,4-Dioxane                | 0.577 | 0.536  |            | -7.106 | 20.0  |
| 2,3,4,6-Tetrachlorophenol  | 0.340 | 0.331  |            | -2.647 |       |
| 1-Methylnaphthalene        | 0.662 | 0.641  |            | -3.172 |       |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 1/20/2025 12:00:00 AM |
| Project:           |                        | Date Received:  | 1/20/2025 12:00:00 AM |
| Client Sample ID:  | PB166129BL             | SDG No.:        | BF012125              |
| Lab Sample ID:     | PB166129BL             | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.01      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF141229.D        | 1         | 1/20/2025 12:00:00 AM | 1/21/2025 12:00:00 AM | PB166129      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 86.8  | U         | 86.8 | 270 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 79.9  | U         | 79.9 | 130 | 170        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 180   | U         | 180  | 270 | 330        | ug/Kg |
| 62-53-3        | Aniline                     | 96.9  | U         | 96.9 | 130 | 170        | ug/Kg |
| 108-95-2       | Phenol                      | 82.9  | U         | 82.9 | 130 | 170        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 83.7  | U         | 83.7 | 130 | 170        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 83.5  | U         | 83.5 | 130 | 170        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 84.6  | U         | 84.6 | 130 | 170        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 86    | U         | 86   | 130 | 170        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 86.5  | U         | 86.5 | 130 | 170        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 83    | U         | 83   | 270 | 330        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 80.6  | U         | 80.6 | 130 | 170        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 90.9  | U         | 90.9 | 130 | 170        | ug/Kg |
| 98-86-2        | Acetophenone                | 86.9  | U         | 86.9 | 130 | 170        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 79.8  | U         | 79.8 | 270 | 330        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 40.3  | U         | 40.3 | 80  | 80         | ug/Kg |
| 67-72-1        | Hexachloroethane            | 83    | U         | 83   | 130 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 90.8  | U         | 90.8 | 130 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 84.6  | U         | 84.6 | 130 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 94.5  | U         | 94.5 | 130 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 93.2  | U         | 93.2 | 130 | 170        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 85.8  | U         | 85.8 | 130 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 75.5  | U         | 75.5 | 130 | 170        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 85.4  | U         | 85.4 | 130 | 170        | ug/Kg |
| 65-85-0        | Benzoic acid                | 240   | U         | 240  | 270 | 330        | ug/Kg |
| 91-20-3        | Naphthalene                 | 82.6  | U         | 82.6 | 130 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 82.6  | U         | 82.6 | 130 | 170        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 83.3  | U         | 83.3 | 130 | 170        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 1/20/2025 12:00:00 AM |
| Project:           |                        | Date Received:  | 1/20/2025 12:00:00 AM |
| Client Sample ID:  | PB166129BL             | SDG No.:        | BF012125              |
| Lab Sample ID:     | PB166129BL             | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.01      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF141229.D        | 1         | 1/20/2025 12:00:00 AM | 1/21/2025 12:00:00 AM | PB166129      |

| CAS Number | Parameter                                       | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|--------|-----------|--------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 86.8   | U         | 86.8   | 270 | 330        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 77.5   | U         | 77.5   | 130 | 170        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 82.5   | U         | 82.5   | 130 | 170        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 160    | U         | 160    | 270 | 330        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 71.4   | U         | 71.4   | 130 | 170        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 74     | U         | 74     | 130 | 170        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 87.4   | U         | 87.4   | 130 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 83.3   | U         | 83.3   | 130 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 95     | U         | 95     | 130 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 81.7   | U         | 81.7   | 130 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 86.5   | U         | 86.5   | 130 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 83.2   | U         | 83.2   | 130 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 89.2   | U         | 89.2   | 130 | 170        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 81.1   | U         | 81.1   | 130 | 170        | ug/Kg |
| Total PAH  | Total PAH                                       | 1325.1 | U         | 1325.1 | 130 | 2720       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 240    | U         | 240    | 270 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 120    | U         | 120    | 270 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 84.4   | U         | 84.4   | 130 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 86.2   | U         | 86.2   | 130 | 170        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 169.4  | U         | 169.4  | 130 | 340        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 80.1   | U         | 80.1   | 130 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 85.6   | U         | 85.6   | 130 | 170        | ug/Kg |
| 86-73-7    | Fluorene                                        | 85.5   | U         | 85.5   | 130 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 110    | U         | 110    | 130 | 170        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 120    | U         | 120    | 270 | 330        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 81.6   | U         | 81.6   | 130 | 170        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 79.6   | U         | 79.6   | 130 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 78.9   | U         | 78.9   | 130 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 85     | U         | 85     | 130 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 91.4   | U         | 91.4   | 130 | 170        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 1/20/2025 12:00:00 AM |
| Project:           |                        | Date Received:  | 1/20/2025 12:00:00 AM |
| Client Sample ID:  | PB166129BL             | SDG No.:        | BF012125              |
| Lab Sample ID:     | PB166129BL             | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.01      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF141229.D        | 1         | 1/20/2025 12:00:00 AM | 1/21/2025 12:00:00 AM | PB166129      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 77.3    | U         | 77.3   | 270 | 330        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 84      | U         | 84     | 130 | 170        | ug/Kg     |
| 120-12-7          | Anthracene                 | 84.4    | U         | 84.4   | 130 | 170        | ug/Kg     |
| 86-74-8           | Carbazole                  | 80.3    | U         | 80.3   | 130 | 170        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 84.3    | U         | 84.3   | 130 | 170        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 81.7    | U         | 81.7   | 130 | 170        | ug/Kg     |
| 92-87-5           | Benzidine                  | 160     | U         | 160    | 270 | 330        | ug/Kg     |
| 129-00-0          | Pyrene                     | 83      | U         | 83     | 130 | 170        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 96.8    | U         | 96.8   | 130 | 170        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 98.6    | U         | 98.6   | 270 | 330        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 80.7    | U         | 80.7   | 130 | 170        | ug/Kg     |
| 218-01-9          | Chrysene                   | 79.5    | U         | 79.5   | 130 | 170        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 91      | U         | 91     | 130 | 170        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 110     | U         | 110    | 270 | 330        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 81.1    | U         | 81.1   | 130 | 170        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 82.6    | U         | 82.6   | 130 | 170        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 93      | U         | 93     | 130 | 170        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 78.1    | U         | 78.1   | 130 | 170        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 81.2    | U         | 81.2   | 130 | 170        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 80.1    | U         | 80.1   | 130 | 170        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 86.8    | U         | 86.8   | 130 | 170        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 110     | U         | 110    | 130 | 170        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 74.7    | U         | 74.7   | 130 | 170        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 83.2    | U         | 83.2   | 170 | 170        | ug/Kg     |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 140.968 |           | 18-112 |     | 94         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 137.363 |           | 15-107 |     | 92         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 96.267  |           | 18-107 |     | 96         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 97.818  |           | 20-109 |     | 98         | SPK: -100 |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 1/20/2025 12:00:00 AM |
| Project:           |                     | Date Received:  | 1/20/2025 12:00:00 AM |
| Client Sample ID:  | PB166129BL          | SDG No.:        | BF012125              |
| Lab Sample ID:     | PB166129BL          | Matrix:         | Solid                 |
| Analytical Method: | 8270E               | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.01      Units: g | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                  | Test:           |                       |
| Extraction Type :  | Decanted :          | Level :         | LOW                   |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF141229.D        | 1         | 1/20/2025 12:00:00 AM | 1/21/2025 12:00:00 AM | PB166129      |

| CAS Number                            | Parameter                        | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|----------------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol             | 150.006 |           | 10-116 |     | 100        | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14                    | 87.184  |           | 10-105 |     | 87         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                                  |         |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4           | 158545  | 6.804     |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8                   | 642161  | 8.081     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10                 | 344692  | 9.839     |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10                 | 572232  | 11.328    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                     | 414653  | 13.969    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                     | 377045  | 15.439    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                  |         |           |        |     |            |           |
| 004744-10-9                           | Propane, 1,1-dimethoxy-          | 120     | J         |        |     | 2.216      |           |
| 000123-42-2                           | 2-Pentanone, 4-hydroxy-4-methyl- | 380     | A         |        |     | 5.034      |           |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 1/20/2025 12:00:00 AM |
| Project:           |                        | Date Received:  | 1/20/2025 12:00:00 AM |
| Client Sample ID:  | PB166129BS             | SDG No.:        | BF012125              |
| Lab Sample ID:     | PB166129BS             | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.03      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF141230.D        | 1         | 1/20/2025 12:00:00 AM | 1/21/2025 12:00:00 AM | PB166129      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 1700  |           | 86.7 | 270  | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 1500  |           | 79.8 | 130  | 170        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 300   | J         | 180  | 270  | 330        | ug/Kg |
| 62-53-3        | Aniline                     | 1400  |           | 96.8 | 130  | 170        | ug/Kg |
| 108-95-2       | Phenol                      | 1700  |           | 82.8 | 130  | 170        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1800  |           | 83.6 | 130  | 170        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1900  |           | 83.4 | 130  | 170        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 1800  |           | 84.5 | 130  | 170        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 1700  |           | 85.9 | 130  | 170        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 1700  |           | 86.4 | 130  | 170        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 1900  |           | 82.9 | 270  | 330        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1800  |           | 80.5 | 130  | 170        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1700  |           | 90.8 | 130  | 170        | ug/Kg |
| 98-86-2        | Acetophenone                | 1700  |           | 86.8 | 130  | 170        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 1700  |           | 79.7 | 270  | 330        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1800  |           | 40.3 | 79.9 | 79.9       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1800  |           | 82.9 | 130  | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1600  |           | 90.7 | 130  | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 1800  |           | 84.5 | 130  | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1800  |           | 94.4 | 130  | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 2100  |           | 93.1 | 130  | 170        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1800  |           | 85.7 | 130  | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1800  |           | 75.4 | 130  | 170        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 1700  |           | 85.3 | 130  | 170        | ug/Kg |
| 65-85-0        | Benzoic acid                | 1700  |           | 240  | 270  | 330        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1700  |           | 82.5 | 130  | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 790   |           | 82.5 | 130  | 170        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1700  |           | 83.2 | 130  | 170        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 1/20/2025 12:00:00 AM |
| Project:           |                        | Date Received:  | 1/20/2025 12:00:00 AM |
| Client Sample ID:  | PB166129BS             | SDG No.:        | BF012125              |
| Lab Sample ID:     | PB166129BS             | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.03      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF141230.D        | 1         | 1/20/2025 12:00:00 AM | 1/21/2025 12:00:00 AM | PB166129      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|--------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 1500  |           | 86.7   | 270 | 330        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 1700  |           | 77.4   | 130 | 170        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 1800  |           | 82.4   | 130 | 170        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 7200  | E         | 160    | 270 | 330        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 1800  |           | 71.3   | 130 | 170        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 1700  |           | 73.9   | 130 | 170        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 1800  |           | 87.3   | 130 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 1700  |           | 83.2   | 130 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 1700  |           | 94.9   | 130 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 1800  |           | 81.6   | 130 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 1800  |           | 86.4   | 130 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 1700  |           | 83.1   | 130 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 940   |           | 89.1   | 130 | 170        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 1900  |           | 81     | 130 | 170        | ug/Kg |
| Total PAH  | Total PAH                                       | 28300 |           | 1323.5 | 130 | 2720       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 3800  | E         | 240    | 270 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 3300  | E         | 120    | 270 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 1700  |           | 84.3   | 130 | 170        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 3400  |           | 169.2  | 130 | 340        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 1700  |           | 86.1   | 130 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 1700  |           | 80     | 130 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 1700  |           | 85.5   | 130 | 170        | ug/Kg |
| 86-73-7    | Fluorene                                        | 1700  |           | 85.4   | 130 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 1600  |           | 110    | 130 | 170        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 2100  |           | 120    | 270 | 330        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 1900  |           | 81.5   | 130 | 170        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 1700  |           | 79.5   | 130 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 1900  |           | 78.8   | 130 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 1900  |           | 84.9   | 130 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 2300  |           | 91.3   | 130 | 170        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 1/20/2025 12:00:00 AM |
| Project:           |                        | Date Received:  | 1/20/2025 12:00:00 AM |
| Client Sample ID:  | PB166129BS             | SDG No.:        | BF012125              |
| Lab Sample ID:     | PB166129BS             | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.03      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF141230.D        | 1         | 1/20/2025 12:00:00 AM | 1/21/2025 12:00:00 AM | PB166129      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 3500    | E         | 77.2   | 270 | 330        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 1800    |           | 83.9   | 130 | 170        | ug/Kg     |
| 120-12-7          | Anthracene                 | 1900    |           | 84.3   | 130 | 170        | ug/Kg     |
| 86-74-8           | Carbazole                  | 1800    |           | 80.2   | 130 | 170        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 1900    |           | 84.2   | 130 | 170        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 1800    |           | 81.6   | 130 | 170        | ug/Kg     |
| 92-87-5           | Benzidine                  | 2000    |           | 160    | 270 | 330        | ug/Kg     |
| 129-00-0          | Pyrene                     | 1500    |           | 82.9   | 130 | 170        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 1800    |           | 96.7   | 130 | 170        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 1100    |           | 98.5   | 270 | 330        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 1700    |           | 80.6   | 130 | 170        | ug/Kg     |
| 218-01-9          | Chrysene                   | 1700    |           | 79.4   | 130 | 170        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 2000    |           | 90.9   | 130 | 170        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 2400    |           | 110    | 270 | 330        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 1800    |           | 81     | 130 | 170        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 1900    |           | 82.5   | 130 | 170        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 1900    |           | 92.9   | 130 | 170        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 1800    |           | 78     | 130 | 170        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 1800    |           | 81.1   | 130 | 170        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 1600    |           | 80     | 130 | 170        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 1800    |           | 86.7   | 130 | 170        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 1500    |           | 110    | 130 | 170        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 1800    |           | 74.6   | 130 | 170        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 1700    |           | 83.1   | 170 | 170        | ug/Kg     |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 151.272 |           | 18-112 |     | 101        | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 150.134 |           | 15-107 |     | 100        | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 105.487 |           | 18-107 |     | 105        | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 108.134 |           | 20-109 |     | 108        | SPK: -100 |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 1/20/2025 12:00:00 AM |
| Project:           |                     | Date Received:  | 1/20/2025 12:00:00 AM |
| Client Sample ID:  | PB166129BS          | SDG No.:        | BF012125              |
| Lab Sample ID:     | PB166129BS          | Matrix:         | Solid                 |
| Analytical Method: | 8270E               | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.03      Units: g | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                  | Test:           |                       |
| Extraction Type :  | Decanted :          | Level :         | LOW                   |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF141230.D        | 1         | 1/20/2025 12:00:00 AM | 1/21/2025 12:00:00 AM | PB166129      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 164.714 |           | 10-116 |     | 110        | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 100.207 |           | 10-105 |     | 100        | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 145633  | 6.804     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 584630  | 8.087     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 308578  | 9.845     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 490755  | 11.328    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 330539  | 13.974    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 362022  | 15.445    |        |     |            |           |

## Report of Analysis

|                    |               |                 |                       |
|--------------------|---------------|-----------------|-----------------------|
| Client:            |               | Date Collected: | 1/17/2025 12:00:00 AM |
| Project:           |               | Date Received:  | 1/17/2025 12:00:00 AM |
| Client Sample ID:  | BU-03-1172025 | SDG No.:        | BF012125              |
| Lab Sample ID:     | Q1123-01      | Matrix:         | Solid                 |
| Analytical Method: | 8270E         | % Moisture:     | 8.5                   |
| Sample Wt/Vol:     | 50.05         | Units:          | g                     |
| Soil Aliquot Vol:  |               | Final Vol:      | 1000 uL               |
| Extraction Type :  |               | Test:           |                       |
|                    | Decanted :    | Level :         | LOW                   |
| Injection Volume : | GPC Factor :  | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF141231.D        | 1         | 1/20/2025 12:00:00 AM | 1/21/2025 12:00:00 AM | PB166129      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 56.9  | U         | 56.9 | 180  | 220        | ug/Kg |
| 110-86-1       | Pyridine                    | 52.3  | U         | 52.3 | 85.2 | 110        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 120   | U         | 120  | 180  | 220        | ug/Kg |
| 62-53-3        | Aniline                     | 63.5  | U         | 63.5 | 85.2 | 110        | ug/Kg |
| 108-95-2       | Phenol                      | 54.3  | U         | 54.3 | 85.2 | 110        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 54.8  | U         | 54.8 | 85.2 | 110        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 54.7  | U         | 54.7 | 85.2 | 110        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 55.4  | U         | 55.4 | 85.2 | 110        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 56.3  | U         | 56.3 | 85.2 | 110        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 56.7  | U         | 56.7 | 85.2 | 110        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 54.4  | U         | 54.4 | 180  | 220        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 52.8  | U         | 52.8 | 85.2 | 110        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 59.5  | U         | 59.5 | 85.2 | 110        | ug/Kg |
| 98-86-2        | Acetophenone                | 56.9  | U         | 56.9 | 85.2 | 110        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 52.3  | U         | 52.3 | 180  | 220        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 26.4  | U         | 26.4 | 52.4 | 52.4       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 54.4  | U         | 54.4 | 85.2 | 110        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 59.5  | U         | 59.5 | 85.2 | 110        | ug/Kg |
| 78-59-1        | Isophorone                  | 55.4  | U         | 55.4 | 85.2 | 110        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 61.9  | U         | 61.9 | 85.2 | 110        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 61.1  | U         | 61.1 | 85.2 | 110        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 56.2  | U         | 56.2 | 85.2 | 110        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 49.5  | U         | 49.5 | 85.2 | 110        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 55.9  | U         | 55.9 | 85.2 | 110        | ug/Kg |
| 65-85-0        | Benzoic acid                | 160   | U         | 160  | 180  | 220        | ug/Kg |
| 91-20-3        | Naphthalene                 | 54.1  | U         | 54.1 | 85.2 | 110        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 54.1  | U         | 54.1 | 85.2 | 110        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 54.6  | U         | 54.6 | 85.2 | 110        | ug/Kg |

## Report of Analysis

|                    |               |                 |                       |
|--------------------|---------------|-----------------|-----------------------|
| Client:            |               | Date Collected: | 1/17/2025 12:00:00 AM |
| Project:           |               | Date Received:  | 1/17/2025 12:00:00 AM |
| Client Sample ID:  | BU-03-1172025 | SDG No.:        | BF012125              |
| Lab Sample ID:     | Q1123-01      | Matrix:         | Solid                 |
| Analytical Method: | 8270E         | % Moisture:     | 8.5                   |
| Sample Wt/Vol:     | 50.05         | Units:          | g                     |
| Soil Aliquot Vol:  |               | Final Vol:      | 1000 uL               |
| Extraction Type :  |               | Test:           |                       |
|                    | Decanted :    | Level :         | LOW                   |
| Injection Volume : |               | GPC Factor :    |                       |
|                    |               | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF141231.D        | 1         | 1/20/2025 12:00:00 AM | 1/21/2025 12:00:00 AM | PB166129      |

| CAS Number | Parameter                                       | Conc.  | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|------------|-------------------------------------------------|--------|-----------|-------|------|------------|-------|
| 105-60-2   | Caprolactam                                     | 56.9   | U         | 56.9  | 180  | 220        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 50.8   | U         | 50.8  | 85.2 | 110        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 54     | U         | 54    | 85.2 | 110        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 100    | U         | 100   | 180  | 220        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 46.8   | U         | 46.8  | 85.2 | 110        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 48.5   | U         | 48.5  | 85.2 | 110        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 57.3   | U         | 57.3  | 85.2 | 110        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 54.6   | U         | 54.6  | 85.2 | 110        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 62.2   | U         | 62.2  | 85.2 | 110        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 53.5   | U         | 53.5  | 85.2 | 110        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 56.7   | U         | 56.7  | 85.2 | 110        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 54.5   | U         | 54.5  | 85.2 | 110        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 58.4   | U         | 58.4  | 85.2 | 110        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 53.1   | U         | 53.1  | 85.2 | 110        | ug/Kg |
| Total PAH  | Total PAH                                       | 1990.2 | U         | 868.1 | 85.2 | 1760       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 160    | U         | 160   | 180  | 220        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 76     | U         | 76    | 180  | 220        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 55.3   | U         | 55.3  | 85.2 | 110        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 56.5   | U         | 56.5  | 85.2 | 110        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 111    | U         | 111   | 85.2 | 220        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 52.5   | U         | 52.5  | 85.2 | 110        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 56.1   | U         | 56.1  | 85.2 | 110        | ug/Kg |
| 86-73-7    | Fluorene                                        | 56     | U         | 56    | 85.2 | 110        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 70.1   | U         | 70.1  | 85.2 | 110        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 76.6   | U         | 76.6  | 180  | 220        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 53.5   | U         | 53.5  | 85.2 | 110        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 52.1   | U         | 52.1  | 85.2 | 110        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 51.7   | U         | 51.7  | 85.2 | 110        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 55.7   | U         | 55.7  | 85.2 | 110        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 59.9   | U         | 59.9  | 85.2 | 110        | ug/Kg |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 1/17/2025 12:00:00 AM |
| Project:           |                     | Date Received:  | 1/17/2025 12:00:00 AM |
| Client Sample ID:  | BU-03-1172025       | SDG No.:        | BF012125              |
| Lab Sample ID:     | Q1123-01            | Matrix:         | Solid                 |
| Analytical Method: | 8270E               | % Moisture:     | 8.5                   |
| Sample Wt/Vol:     | 50.05      Units: g | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                  | Test:           |                       |
| Extraction Type :  | Decanted :          | Level :         | LOW                   |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF141231.D        | 1         | 1/20/2025 12:00:00 AM | 1/21/2025 12:00:00 AM | PB166129      |

| CAS Number        | Parameter                  | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units     |
|-------------------|----------------------------|--------|-----------|--------|------|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 50.6   | U         | 50.6   | 180  | 220        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 310    |           | 55     | 85.2 | 110        | ug/Kg     |
| 120-12-7          | Anthracene                 | 75.8   | J         | 55.3   | 85.2 | 110        | ug/Kg     |
| 86-74-8           | Carbazole                  | 52.6   | U         | 52.6   | 85.2 | 110        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 55.2   | U         | 55.2   | 85.2 | 110        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 360    |           | 53.5   | 85.2 | 110        | ug/Kg     |
| 92-87-5           | Benzidine                  | 110    | U         | 110    | 180  | 220        | ug/Kg     |
| 129-00-0          | Pyrene                     | 230    |           | 54.4   | 85.2 | 110        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 63.4   | U         | 63.4   | 85.2 | 110        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 64.6   | U         | 64.6   | 180  | 220        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 190    |           | 52.9   | 85.2 | 110        | ug/Kg     |
| 218-01-9          | Chrysene                   | 160    |           | 52.1   | 85.2 | 110        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 59.6   | U         | 59.6   | 85.2 | 110        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 72.1   | U         | 72.1   | 180  | 220        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 220    |           | 53.1   | 85.2 | 110        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 98.3   | J         | 54.1   | 85.2 | 110        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 190    |           | 60.9   | 85.2 | 110        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 73.8   | J         | 51.2   | 85.2 | 110        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 53.2   | U         | 53.2   | 85.2 | 110        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 82.3   | J         | 52.5   | 85.2 | 110        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 56.9   | U         | 56.9   | 85.2 | 110        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 72.1   | U         | 72.1   | 85.2 | 110        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 48.9   | U         | 48.9   | 85.2 | 110        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 54.5   | U         | 54.5   | 110  | 110        | ug/Kg     |
| <b>SURROGATES</b> |                            |        |           |        |      |            |           |
| 367-12-4          | 2-Fluorophenol             | 92.56  |           | 18-112 |      | 62         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 91.402 |           | 15-107 |      | 61         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 66.635 |           | 18-107 |      | 67         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 67.554 |           | 20-109 |      | 68         | SPK: -100 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 1/17/2025 12:00:00 AM |
| Project:           |                        | Date Received:  | 1/17/2025 12:00:00 AM |
| Client Sample ID:  | BU-03-1172025          | SDG No.:        | BF012125              |
| Lab Sample ID:     | Q1123-01               | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 8.5                   |
| Sample Wt/Vol:     | 50.05      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF141231.D        | 1         | 1/20/2025 12:00:00 AM | 1/21/2025 12:00:00 AM | PB166129      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol               | 93.563 |           | 10-116 |     | 62         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14                      | 52.663 |           | 10-105 |     | 53         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 164727 | 6.804     |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8                     | 632881 | 8.086     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10                   | 329701 | 9.839     |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10                   | 496523 | 11.327    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                       | 385189 | 13.968    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                       | 418572 | 15.433    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |           |
| 004744-10-9                           | Propane, 1,1-dimethoxy-            | 100    | J         |        |     | 2.157      |           |
| 000123-42-2                           | 2-Pentanone, 4-hydroxy-4-methyl-   | 170    | A         |        |     | 5.01       |           |
| 002613-76-5                           | 1H-Indene, 2,3-dihydro-1,1,3-trime | 53.5   | J         |        |     | 8.904      |           |
| 000544-76-3                           | Hexadecane                         | 62.9   | J         |        |     | 10.275     |           |
| 000119-61-9                           | Benzophenone                       | 94.1   | J         |        |     | 10.551     |           |
| 000629-78-7                           | Heptadecane                        | 98.7   | J         |        |     | 10.751     |           |
| 035599-77-0                           | Tridecane, 1-iodo-                 | 72.9   | J         |        |     | 11.198     |           |
| 000132-65-0                           | Dibenzothiophene                   | 50.9   | J         |        |     | 11.222     |           |
| 000244-99-5                           | 5H-Indeno[1,2-b]pyridine           | 48.9   | J         |        |     | 11.563     |           |
| 000629-62-9                           | Pentadecane                        | 53.3   | J         |        |     | 11.627     |           |
| 000057-10-3                           | n-Hexadecanoic acid                | 1400   | J         |        |     | 11.868     |           |
| 000203-64-5                           | 4H-Cyclopenta[def]phenanthrene     | 110    | J         |        |     | 11.939     |           |
| 000629-94-7                           | Heneicosane                        | 60.7   | J         |        |     | 12.033     |           |
| 000612-94-2                           | Naphthalene, 2-phenyl-             | 62.9   | J         |        |     | 12.116     |           |
| 000544-77-4                           | Hexadecane, 1-iodo-                | 63.1   | J         |        |     | 12.421     |           |
| 000057-11-4                           | Octadecanoic acid                  | 620    | J         |        |     | 12.651     |           |
| 1000131-11-8                          | Z-5-Nonadecene                     | 66.4   | J         |        |     | 13.827     |           |
| 000192-97-2                           | Benzo[c]pyrene                     | 120    | J         |        |     | 15.31      |           |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 1/17/2025 12:00:00 AM |
| Project:           |                 | Date Received:  | 1/17/2025 12:00:00 AM |
| Client Sample ID:  | BU-03-1172025MS | SDG No.:        | BF012125              |
| Lab Sample ID:     | Q1123-01MS      | Matrix:         | Solid                 |
| Analytical Method: | 8270E           | % Moisture:     | 8.5                   |
| Sample Wt/Vol:     | 50.04           | Units:          | g                     |
| Soil Aliquot Vol:  |                 | Final Vol:      | 1000 uL               |
| Extraction Type :  |                 | Test:           |                       |
| Decanted :         |                 | Level :         | LOW                   |
| Injection Volume : |                 | GPC Factor :    |                       |
|                    |                 | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF141232.D        | 1         | 1/20/2025 12:00:00 AM | 1/21/2025 12:00:00 AM | PB166129      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 1000  |           | 56.9 | 180  | 220        | ug/Kg |
| 110-86-1       | Pyridine                    | 940   |           | 52.4 | 85.2 | 110        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 180   | J         | 120  | 180  | 220        | ug/Kg |
| 62-53-3        | Aniline                     | 580   |           | 63.5 | 85.2 | 110        | ug/Kg |
| 108-95-2       | Phenol                      | 1000  |           | 54.3 | 85.2 | 110        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1100  |           | 54.8 | 85.2 | 110        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1100  |           | 54.7 | 85.2 | 110        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 1000  |           | 55.4 | 85.2 | 110        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 1000  |           | 56.3 | 85.2 | 110        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 1000  |           | 56.7 | 85.2 | 110        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 1100  |           | 54.4 | 180  | 220        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1100  |           | 52.8 | 85.2 | 110        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1000  |           | 59.6 | 85.2 | 110        | ug/Kg |
| 98-86-2        | Acetophenone                | 1100  |           | 56.9 | 85.2 | 110        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 1000  |           | 52.3 | 180  | 220        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1100  |           | 26.4 | 52.4 | 52.4       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1100  |           | 54.4 | 85.2 | 110        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1000  |           | 59.5 | 85.2 | 110        | ug/Kg |
| 78-59-1        | Isophorone                  | 1100  |           | 55.4 | 85.2 | 110        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1200  |           | 61.9 | 85.2 | 110        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 1300  |           | 61.1 | 85.2 | 110        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1100  |           | 56.2 | 85.2 | 110        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1100  |           | 49.5 | 85.2 | 110        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 1000  |           | 56   | 85.2 | 110        | ug/Kg |
| 65-85-0        | Benzoic acid                | 880   |           | 160  | 180  | 220        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1100  |           | 54.1 | 85.2 | 110        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 340   |           | 54.1 | 85.2 | 110        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1100  |           | 54.6 | 85.2 | 110        | ug/Kg |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 1/17/2025 12:00:00 AM |
| Project:           |                 | Date Received:  | 1/17/2025 12:00:00 AM |
| Client Sample ID:  | BU-03-1172025MS | SDG No.:        | BF012125              |
| Lab Sample ID:     | Q1123-01MS      | Matrix:         | Solid                 |
| Analytical Method: | 8270E           | % Moisture:     | 8.5                   |
| Sample Wt/Vol:     | 50.04           | Units:          | g                     |
| Soil Aliquot Vol:  |                 | Final Vol:      | 1000 uL               |
| Extraction Type :  |                 | Test:           |                       |
|                    | Decanted :      | Level :         | LOW                   |
| Injection Volume : |                 | GPC Factor :    |                       |
|                    |                 | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF141232.D        | 1         | 1/20/2025 12:00:00 AM | 1/21/2025 12:00:00 AM | PB166129      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|------|------------|-------|
| 105-60-2   | Caprolactam                                     | 990   |           | 56.9  | 180  | 220        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 1100  |           | 50.8  | 85.2 | 110        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 1100  |           | 54.1  | 85.2 | 110        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 3200  | E         | 100   | 180  | 220        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 1100  |           | 46.8  | 85.2 | 110        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 1100  |           | 48.5  | 85.2 | 110        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 1100  |           | 57.3  | 85.2 | 110        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 1100  |           | 54.6  | 85.2 | 110        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 1100  |           | 62.2  | 85.2 | 110        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 1200  |           | 53.5  | 85.2 | 110        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 1200  |           | 56.7  | 85.2 | 110        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 1100  |           | 54.5  | 85.2 | 110        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 650   |           | 58.4  | 85.2 | 110        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 1200  |           | 53.1  | 85.2 | 110        | ug/Kg |
| Total PAH  | Total PAH                                       | 18690 |           | 868.1 | 85.2 | 1760       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 1700  |           | 160   | 180  | 220        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 2000  | E         | 76    | 180  | 220        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 1100  |           | 55.3  | 85.2 | 110        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 2200  |           | 111   | 85.2 | 220        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 1100  |           | 56.5  | 85.2 | 110        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 1200  |           | 52.5  | 85.2 | 110        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 1100  |           | 56.1  | 85.2 | 110        | ug/Kg |
| 86-73-7    | Fluorene                                        | 1100  |           | 56    | 85.2 | 110        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 920   |           | 70.1  | 85.2 | 110        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 1100  |           | 76.7  | 180  | 220        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 1300  |           | 53.5  | 85.2 | 110        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 1100  |           | 52.2  | 85.2 | 110        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 1300  |           | 51.7  | 85.2 | 110        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 1200  |           | 55.7  | 85.2 | 110        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 1600  |           | 59.9  | 85.2 | 110        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 1/17/2025 12:00:00 AM |
| Project:           |                        | Date Received:  | 1/17/2025 12:00:00 AM |
| Client Sample ID:  | BU-03-1172025MS        | SDG No.:        | BF012125              |
| Lab Sample ID:     | Q1123-01MS             | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 8.5                   |
| Sample Wt/Vol:     | 50.04      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF141232.D        | 1         | 1/20/2025 12:00:00 AM | 1/21/2025 12:00:00 AM | PB166129      |

| CAS Number        | Parameter                  | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units     |
|-------------------|----------------------------|--------|-----------|--------|------|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 2100   | E         | 50.6   | 180  | 220        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 1400   |           | 55     | 85.2 | 110        | ug/Kg     |
| 120-12-7          | Anthracene                 | 1300   |           | 55.3   | 85.2 | 110        | ug/Kg     |
| 86-74-8           | Carbazole                  | 1100   |           | 52.6   | 85.2 | 110        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 1300   |           | 55.2   | 85.2 | 110        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 1400   |           | 53.5   | 85.2 | 110        | ug/Kg     |
| 92-87-5           | Benzidine                  | 1200   |           | 110    | 180  | 220        | ug/Kg     |
| 129-00-0          | Pyrene                     | 1000   |           | 54.4   | 85.2 | 110        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 1100   |           | 63.4   | 85.2 | 110        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 690    |           | 64.6   | 180  | 220        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 1300   |           | 52.9   | 85.2 | 110        | ug/Kg     |
| 218-01-9          | Chrysene                   | 1200   |           | 52.1   | 85.2 | 110        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 1200   |           | 59.6   | 85.2 | 110        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 1500   |           | 72.1   | 180  | 220        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 1300   |           | 53.1   | 85.2 | 110        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 1200   |           | 54.1   | 85.2 | 110        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 1400   |           | 60.9   | 85.2 | 110        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 910    |           | 51.2   | 85.2 | 110        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 900    |           | 53.2   | 85.2 | 110        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 780    |           | 52.5   | 85.2 | 110        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 1100   |           | 56.9   | 85.2 | 110        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 930    |           | 72.1   | 85.2 | 110        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 1100   |           | 48.9   | 85.2 | 110        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 1000   |           | 54.5   | 110  | 110        | ug/Kg     |
| <b>SURROGATES</b> |                            |        |           |        |      |            |           |
| 367-12-4          | 2-Fluorophenol             | 98.103 |           | 18-112 |      | 65         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 97.319 |           | 15-107 |      | 65         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 70.889 |           | 18-107 |      | 71         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 74.285 |           | 20-109 |      | 74         | SPK: -100 |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 1/17/2025 12:00:00 AM |
| Project:           |                     | Date Received:  | 1/17/2025 12:00:00 AM |
| Client Sample ID:  | BU-03-1172025MS     | SDG No.:        | BF012125              |
| Lab Sample ID:     | Q1123-01MS          | Matrix:         | Solid                 |
| Analytical Method: | 8270E               | % Moisture:     | 8.5                   |
| Sample Wt/Vol:     | 50.04      Units: g | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                  | Test:           |                       |
| Extraction Type :  | Decanted :          | Level :         | LOW                   |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF141232.D        | 1         | 1/20/2025 12:00:00 AM | 1/21/2025 12:00:00 AM | PB166129      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 103.712 |           | 10-116 |     | 69         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 57.775  |           | 10-105 |     | 58         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 154688  | 6.804     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 598780  | 8.086     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 300108  | 9.845     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 434901  | 11.333    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 338185  | 13.98     |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 363862  | 15.445    |        |     |            |           |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 1/17/2025 12:00:00 AM |
| Project:           |                        | Date Received:  | 1/17/2025 12:00:00 AM |
| Client Sample ID:  | BU-03-1172025MSD       | SDG No.:        | BF012125              |
| Lab Sample ID:     | Q1123-01MSD            | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 8.5                   |
| Sample Wt/Vol:     | 50.07      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF141233.D        | 1         | 1/20/2025 12:00:00 AM | 1/21/2025 12:00:00 AM | PB166129      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 980   |           | 56.8 | 180  | 220        | ug/Kg |
| 110-86-1       | Pyridine                    | 900   |           | 52.3 | 85.1 | 110        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 180   | J         | 120  | 180  | 220        | ug/Kg |
| 62-53-3        | Aniline                     | 570   |           | 63.5 | 85.1 | 110        | ug/Kg |
| 108-95-2       | Phenol                      | 1000  |           | 54.3 | 85.1 | 110        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1100  |           | 54.8 | 85.1 | 110        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1100  |           | 54.7 | 85.1 | 110        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 1000  |           | 55.4 | 85.1 | 110        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 990   |           | 56.3 | 85.1 | 110        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 1000  |           | 56.6 | 85.1 | 110        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 1100  |           | 54.4 | 180  | 220        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1100  |           | 52.8 | 85.1 | 110        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1000  |           | 59.5 | 85.1 | 110        | ug/Kg |
| 98-86-2        | Acetophenone                | 1000  |           | 56.9 | 85.1 | 110        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 1000  |           | 52.3 | 180  | 220        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1000  |           | 26.4 | 52.4 | 52.4       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1000  |           | 54.4 | 85.1 | 110        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 990   |           | 59.5 | 85.1 | 110        | ug/Kg |
| 78-59-1        | Isophorone                  | 1100  |           | 55.4 | 85.1 | 110        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1100  |           | 61.9 | 85.1 | 110        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 1300  |           | 61   | 85.1 | 110        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1100  |           | 56.2 | 85.1 | 110        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1100  |           | 49.4 | 85.1 | 110        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 1000  |           | 55.9 | 85.1 | 110        | ug/Kg |
| 65-85-0        | Benzoic acid                | 960   |           | 160  | 180  | 220        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1000  |           | 54.1 | 85.1 | 110        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 340   |           | 54.1 | 85.1 | 110        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1100  |           | 54.5 | 85.1 | 110        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 1/17/2025 12:00:00 AM |
| Project:           |                        | Date Received:  | 1/17/2025 12:00:00 AM |
| Client Sample ID:  | BU-03-1172025MSD       | SDG No.:        | BF012125              |
| Lab Sample ID:     | Q1123-01MSD            | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 8.5                   |
| Sample Wt/Vol:     | 50.07      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF141233.D        | 1         | 1/20/2025 12:00:00 AM | 1/21/2025 12:00:00 AM | PB166129      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|------|------------|-------|
| 105-60-2   | Caprolactam                                     | 1000  |           | 56.8  | 180  | 220        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 1100  |           | 50.7  | 85.1 | 110        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 1100  |           | 54    | 85.1 | 110        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 2500  | E         | 100   | 180  | 220        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 1100  |           | 46.8  | 85.1 | 110        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 1100  |           | 48.5  | 85.1 | 110        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 1100  |           | 57.2  | 85.1 | 110        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 1000  |           | 54.5  | 85.1 | 110        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 1100  |           | 62.2  | 85.1 | 110        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 1100  |           | 53.5  | 85.1 | 110        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 1100  |           | 56.6  | 85.1 | 110        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 1100  |           | 54.5  | 85.1 | 110        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 640   |           | 58.4  | 85.1 | 110        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 1100  |           | 53.1  | 85.1 | 110        | ug/Kg |
| Total PAH  | Total PAH                                       | 18200 |           | 867.8 | 85.1 | 1760       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 1400  |           | 160   | 180  | 220        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 2100  | E         | 76    | 180  | 220        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 1100  |           | 55.3  | 85.1 | 110        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 2200  |           | 110.9 | 85.1 | 220        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 1100  |           | 56.4  | 85.1 | 110        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 1100  |           | 52.5  | 85.1 | 110        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 1100  |           | 56.1  | 85.1 | 110        | ug/Kg |
| 86-73-7    | Fluorene                                        | 1100  |           | 56    | 85.1 | 110        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 920   |           | 70.1  | 85.1 | 110        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 870   |           | 76.6  | 180  | 220        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 1300  |           | 53.4  | 85.1 | 110        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 1100  |           | 52.1  | 85.1 | 110        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 1300  |           | 51.7  | 85.1 | 110        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 1200  |           | 55.7  | 85.1 | 110        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 1500  |           | 59.9  | 85.1 | 110        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 1/17/2025 12:00:00 AM |
| Project:           |                        | Date Received:  | 1/17/2025 12:00:00 AM |
| Client Sample ID:  | BU-03-1172025MSD       | SDG No.:        | BF012125              |
| Lab Sample ID:     | Q1123-01MSD            | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 8.5                   |
| Sample Wt/Vol:     | 50.07      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF141233.D        | 1         | 1/20/2025 12:00:00 AM | 1/21/2025 12:00:00 AM | PB166129      |

| CAS Number        | Parameter                  | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units     |
|-------------------|----------------------------|--------|-----------|--------|------|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 2100   | E         | 50.6   | 180  | 220        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 1400   |           | 55     | 85.1 | 110        | ug/Kg     |
| 120-12-7          | Anthracene                 | 1200   |           | 55.3   | 85.1 | 110        | ug/Kg     |
| 86-74-8           | Carbazole                  | 1100   |           | 52.6   | 85.1 | 110        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 1300   |           | 55.2   | 85.1 | 110        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 1400   |           | 53.5   | 85.1 | 110        | ug/Kg     |
| 92-87-5           | Benzidine                  | 1300   |           | 110    | 180  | 220        | ug/Kg     |
| 129-00-0          | Pyrene                     | 1100   |           | 54.4   | 85.1 | 110        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 1100   |           | 63.4   | 85.1 | 110        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 770    |           | 64.6   | 180  | 220        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 1200   |           | 52.8   | 85.1 | 110        | ug/Kg     |
| 218-01-9          | Chrysene                   | 1200   |           | 52.1   | 85.1 | 110        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 1200   |           | 59.6   | 85.1 | 110        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 1400   |           | 72     | 180  | 220        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 1400   |           | 53.1   | 85.1 | 110        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 1200   |           | 54.1   | 85.1 | 110        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 1300   |           | 60.9   | 85.1 | 110        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 880    |           | 51.1   | 85.1 | 110        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 860    |           | 53.2   | 85.1 | 110        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 760    |           | 52.5   | 85.1 | 110        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 1100   |           | 56.8   | 85.1 | 110        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 890    |           | 72     | 85.1 | 110        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 1100   |           | 48.9   | 85.1 | 110        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 1000   |           | 54.5   | 110  | 110        | ug/Kg     |
| <b>SURROGATES</b> |                            |        |           |        |      |            |           |
| 367-12-4          | 2-Fluorophenol             | 96.506 |           | 18-112 |      | 64         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 95.691 |           | 15-107 |      | 64         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 69.182 |           | 18-107 |      | 69         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 72.232 |           | 20-109 |      | 72         | SPK: -100 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 1/17/2025 12:00:00 AM |
| Project:           |                        | Date Received:  | 1/17/2025 12:00:00 AM |
| Client Sample ID:  | BU-03-1172025MSD       | SDG No.:        | BF012125              |
| Lab Sample ID:     | Q1123-01MSD            | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 8.5                   |
| Sample Wt/Vol:     | 50.07      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF141233.D        | 1         | 1/20/2025 12:00:00 AM | 1/21/2025 12:00:00 AM | PB166129      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 103.794 |           | 10-116 |     | 69         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 58.655  |           | 10-105 |     | 59         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 165395  | 6.804     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 646884  | 8.086     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 329131  | 9.845     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 484949  | 11.333    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 350866  | 13.98     |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 360260  | 15.457    |        |     |            |           |

## Report of Analysis

|                    |             |                 |                       |
|--------------------|-------------|-----------------|-----------------------|
| Client:            |             | Date Collected: | 1/17/2025 12:00:00 AM |
| Project:           |             | Date Received:  | 1/17/2025 12:00:00 AM |
| Client Sample ID:  | HD-1-011725 | SDG No.:        | BF012125              |
| Lab Sample ID:     | Q1132-01    | Matrix:         | Solid                 |
| Analytical Method: | 8270E       | % Moisture:     | 11.4                  |
| Sample Wt/Vol:     | 50.06       | Units:          | g                     |
| Soil Aliquot Vol:  |             | Final Vol:      | 1000 uL               |
| Extraction Type :  |             | Test:           |                       |
|                    | Decanted :  | Level :         | LOW                   |
| Injection Volume : |             | GPC Factor :    |                       |
|                    |             | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF141234.D        | 1         | 1/20/2025 12:00:00 AM | 1/21/2025 12:00:00 AM | PB166129      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 58.7  | U         | 58.7 | 180  | 220        | ug/Kg |
| 110-86-1       | Pyridine                    | 54    | U         | 54   | 87.9 | 110        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 120   | U         | 120  | 180  | 220        | ug/Kg |
| 62-53-3        | Aniline                     | 65.5  | U         | 65.5 | 87.9 | 110        | ug/Kg |
| 108-95-2       | Phenol                      | 56.1  | U         | 56.1 | 87.9 | 110        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 56.6  | U         | 56.6 | 87.9 | 110        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 56.5  | U         | 56.5 | 87.9 | 110        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 57.2  | U         | 57.2 | 87.9 | 110        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 58.2  | U         | 58.2 | 87.9 | 110        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 58.5  | U         | 58.5 | 87.9 | 110        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 56.1  | U         | 56.1 | 180  | 220        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 54.5  | U         | 54.5 | 87.9 | 110        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 61.5  | U         | 61.5 | 87.9 | 110        | ug/Kg |
| 98-86-2        | Acetophenone                | 58.8  | U         | 58.8 | 87.9 | 110        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 54    | U         | 54   | 180  | 220        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 27.3  | U         | 27.3 | 54.1 | 54.1       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 56.1  | U         | 56.1 | 87.9 | 110        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 61.4  | U         | 61.4 | 87.9 | 110        | ug/Kg |
| 78-59-1        | Isophorone                  | 57.2  | U         | 57.2 | 87.9 | 110        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 63.9  | U         | 63.9 | 87.9 | 110        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 63    | U         | 63   | 87.9 | 110        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 58    | U         | 58   | 87.9 | 110        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 51.1  | U         | 51.1 | 87.9 | 110        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 57.8  | U         | 57.8 | 87.9 | 110        | ug/Kg |
| 65-85-0        | Benzoic acid                | 160   | U         | 160  | 180  | 220        | ug/Kg |
| 91-20-3        | Naphthalene                 | 55.9  | U         | 55.9 | 87.9 | 110        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 55.9  | U         | 55.9 | 87.9 | 110        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 56.3  | U         | 56.3 | 87.9 | 110        | ug/Kg |

## Report of Analysis

|                    |             |                 |                       |
|--------------------|-------------|-----------------|-----------------------|
| Client:            |             | Date Collected: | 1/17/2025 12:00:00 AM |
| Project:           |             | Date Received:  | 1/17/2025 12:00:00 AM |
| Client Sample ID:  | HD-1-011725 | SDG No.:        | BF012125              |
| Lab Sample ID:     | Q1132-01    | Matrix:         | Solid                 |
| Analytical Method: | 8270E       | % Moisture:     | 11.4                  |
| Sample Wt/Vol:     | 50.06       | Units:          | g                     |
| Soil Aliquot Vol:  |             | Final Vol:      | 1000 uL               |
| Extraction Type :  |             | Test:           |                       |
|                    | Decanted :  | Level :         | LOW                   |
| Injection Volume : |             | GPC Factor :    |                       |
|                    |             | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF141234.D        | 1         | 1/20/2025 12:00:00 AM | 1/21/2025 12:00:00 AM | PB166129      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|------|------------|-------|
| 105-60-2   | Caprolactam                                     | 58.7  | U         | 58.7  | 180  | 220        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 52.4  | U         | 52.4  | 87.9 | 110        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 55.8  | U         | 55.8  | 87.9 | 110        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 110   | U         | 110   | 180  | 220        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 48.3  | U         | 48.3  | 87.9 | 110        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 50.1  | U         | 50.1  | 87.9 | 110        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 59.1  | U         | 59.1  | 87.9 | 110        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 56.3  | U         | 56.3  | 87.9 | 110        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 64.3  | U         | 64.3  | 87.9 | 110        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 55.3  | U         | 55.3  | 87.9 | 110        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 58.5  | U         | 58.5  | 87.9 | 110        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 56.3  | U         | 56.3  | 87.9 | 110        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 60.3  | U         | 60.3  | 87.9 | 110        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 54.9  | U         | 54.9  | 87.9 | 110        | ug/Kg |
| Total PAH  | Total PAH                                       | 896.4 | U         | 896.4 | 87.9 | 1760       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 160   | U         | 160   | 180  | 220        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 78.5  | U         | 78.5  | 180  | 220        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 57.1  | U         | 57.1  | 87.9 | 110        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 58.3  | U         | 58.3  | 87.9 | 110        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 14.6  | U         | 114.6 | 87.9 | 220        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 54.2  | U         | 54.2  | 87.9 | 110        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 57.9  | U         | 57.9  | 87.9 | 110        | ug/Kg |
| 86-73-7    | Fluorene                                        | 57.8  | U         | 57.8  | 87.9 | 110        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 72.4  | U         | 72.4  | 87.9 | 110        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 79.1  | U         | 79.1  | 180  | 220        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 55.2  | U         | 55.2  | 87.9 | 110        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 53.8  | U         | 53.8  | 87.9 | 110        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 53.4  | U         | 53.4  | 87.9 | 110        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 57.5  | U         | 57.5  | 87.9 | 110        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 61.8  | U         | 61.8  | 87.9 | 110        | ug/Kg |

## Report of Analysis

|                    |             |                 |                       |
|--------------------|-------------|-----------------|-----------------------|
| Client:            |             | Date Collected: | 1/17/2025 12:00:00 AM |
| Project:           |             | Date Received:  | 1/17/2025 12:00:00 AM |
| Client Sample ID:  | HD-1-011725 | SDG No.:        | BF012125              |
| Lab Sample ID:     | Q1132-01    | Matrix:         | Solid                 |
| Analytical Method: | 8270E       | % Moisture:     | 11.4                  |
| Sample Wt/Vol:     | 50.06       | Units:          | g                     |
| Soil Aliquot Vol:  |             | Final Vol:      | 1000 uL               |
| Extraction Type :  |             | Test:           |                       |
|                    | Decanted :  | Level :         | LOW                   |
| Injection Volume : |             | GPC Factor :    |                       |
|                    |             | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF141234.D        | 1         | 1/20/2025 12:00:00 AM | 1/21/2025 12:00:00 AM | PB166129      |

| CAS Number        | Parameter                  | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units     |
|-------------------|----------------------------|--------|-----------|--------|------|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 52.3   | U         | 52.3   | 180  | 220        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 56.8   | U         | 56.8   | 87.9 | 110        | ug/Kg     |
| 120-12-7          | Anthracene                 | 57.1   | U         | 57.1   | 87.9 | 110        | ug/Kg     |
| 86-74-8           | Carbazole                  | 54.3   | U         | 54.3   | 87.9 | 110        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 57     | U         | 57     | 87.9 | 110        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 55.3   | U         | 55.3   | 87.9 | 110        | ug/Kg     |
| 92-87-5           | Benzidine                  | 110    | U         | 110    | 180  | 220        | ug/Kg     |
| 129-00-0          | Pyrene                     | 56.1   | U         | 56.1   | 87.9 | 110        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 65.5   | U         | 65.5   | 87.9 | 110        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 66.7   | U         | 66.7   | 180  | 220        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 54.6   | U         | 54.6   | 87.9 | 110        | ug/Kg     |
| 218-01-9          | Chrysene                   | 53.8   | U         | 53.8   | 87.9 | 110        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 61.6   | U         | 61.6   | 87.9 | 110        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 74.4   | U         | 74.4   | 180  | 220        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 54.9   | U         | 54.9   | 87.9 | 110        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 55.9   | U         | 55.9   | 87.9 | 110        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 62.9   | U         | 62.9   | 87.9 | 110        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 52.8   | U         | 52.8   | 87.9 | 110        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 54.9   | U         | 54.9   | 87.9 | 110        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 54.2   | U         | 54.2   | 87.9 | 110        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 58.7   | U         | 58.7   | 87.9 | 110        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 74.4   | U         | 74.4   | 87.9 | 110        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 50.5   | U         | 50.5   | 87.9 | 110        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 56.3   | U         | 56.3   | 110  | 110        | ug/Kg     |
| <b>SURROGATES</b> |                            |        |           |        |      |            |           |
| 367-12-4          | 2-Fluorophenol             | 75.911 |           | 18-112 |      | 51         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 74.124 |           | 15-107 |      | 49         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 54.013 |           | 18-107 |      | 54         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 56.727 |           | 20-109 |      | 57         | SPK: -100 |

## Report of Analysis

|                    |             |                 |                       |
|--------------------|-------------|-----------------|-----------------------|
| Client:            |             | Date Collected: | 1/17/2025 12:00:00 AM |
| Project:           |             | Date Received:  | 1/17/2025 12:00:00 AM |
| Client Sample ID:  | HD-1-011725 | SDG No.:        | BF012125              |
| Lab Sample ID:     | Q1132-01    | Matrix:         | Solid                 |
| Analytical Method: | 8270E       | % Moisture:     | 11.4                  |
| Sample Wt/Vol:     | 50.06       | Units:          | g                     |
| Soil Aliquot Vol:  |             | Final Vol:      | 1000 uL               |
| Extraction Type :  |             | Test:           |                       |
|                    | Decanted :  | Level :         | LOW                   |
| Injection Volume : |             | GPC Factor :    |                       |
|                    |             | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF141234.D        | 1         | 1/20/2025 12:00:00 AM | 1/21/2025 12:00:00 AM | PB166129      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol               | 72.7   |           | 10-116 |     | 48         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14                      | 41.081 |           | 10-105 |     | 41         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 153542 | 6.804     |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8                     | 581523 | 8.087     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10                   | 284638 | 9.839     |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10                   | 420070 | 11.328    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                       | 354896 | 13.969    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                       | 284702 | 15.445    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |           |
| 004744-10-9                           | Propane, 1,1-dimethoxy-            | 45.3   | J         |        |     | 2.146      |           |
| 000123-42-2                           | 2-Pentanone, 4-hydroxy-4-methyl-   | 140    | A         |        |     | 5.01       |           |
| 000149-57-5                           | Hexanoic acid, 2-ethyl-            | 120    | J         |        |     | 7.463      |           |
| 000098-73-7                           | Benzoic acid, p-tert-butyl-        | 53.7   | J         |        |     | 9.734      |           |
| 000119-61-9                           | Benzophenone                       | 68.5   | J         |        |     | 10.551     |           |
| 000057-10-3                           | n-Hexadecanoic acid                | 340    | J         |        |     | 11.857     |           |
| 000057-11-4                           | Octadecanoic acid                  | 240    | J         |        |     | 12.645     |           |
| 086711-81-1                           | 2- Chloropropionic acid, hexadecyl | 97.4   | J         |        |     | 13.827     |           |

### Hit Summary Sheet SW-846

SDG No.: BF012125

Client:

| Sample ID                        | Client ID     | Matrix | Parameter                           | Concentration   | C | MDL  | RDL | Units |
|----------------------------------|---------------|--------|-------------------------------------|-----------------|---|------|-----|-------|
| <b>Client ID : BU-03-1172025</b> |               |        |                                     |                 |   |      |     |       |
| Q1123-01                         | BU-03-1172025 | Solid  | 1H-Indene, 2,3-dihydro-1,1,3-trim * | 53.500          | J |      |     |       |
| Q1123-01                         | BU-03-1172025 | Solid  | 2-Pentanone, 4-hydroxy-4-methyl *   | 170.000         | A |      |     |       |
| Q1123-01                         | BU-03-1172025 | Solid  | 4H-Cyclopenta[def]phenanthrene *    | 110.000         | J |      |     |       |
| Q1123-01                         | BU-03-1172025 | Solid  | 5H-Indeno[1,2-b]pyridine *          | 48.900          | J |      |     |       |
| Q1123-01                         | BU-03-1172025 | Solid  | Benzo[e]pyrene *                    | 120.000         | J |      |     |       |
| Q1123-01                         | BU-03-1172025 | Solid  | Benzophenone *                      | 94.100          | J |      |     |       |
| Q1123-01                         | BU-03-1172025 | Solid  | Dibenzothiophene *                  | 50.900          | J |      |     |       |
| Q1123-01                         | BU-03-1172025 | Solid  | Heneicosane *                       | 60.700          | J |      |     |       |
| Q1123-01                         | BU-03-1172025 | Solid  | Heptadecane *                       | 98.700          | J |      |     |       |
| Q1123-01                         | BU-03-1172025 | Solid  | Hexadecane *                        | 62.900          | J |      |     |       |
| Q1123-01                         | BU-03-1172025 | Solid  | Hexadecane, 1-iodo- *               | 63.100          | J |      |     |       |
| Q1123-01                         | BU-03-1172025 | Solid  | n-Hexadecanoic acid *               | 1,400.000       | J |      |     |       |
| Q1123-01                         | BU-03-1172025 | Solid  | Naphthalene, 2-phenyl- *            | 62.900          | J |      |     |       |
| Q1123-01                         | BU-03-1172025 | Solid  | Octadecanoic acid *                 | 620.000         | J |      |     |       |
| Q1123-01                         | BU-03-1172025 | Solid  | Pentadecane *                       | 53.300          | J |      |     |       |
| Q1123-01                         | BU-03-1172025 | Solid  | Propane, 1,1-dimethoxy- *           | 100.000         | J |      |     |       |
| Q1123-01                         | BU-03-1172025 | Solid  | Tridecane, 1-iodo- *                | 72.900          | J |      |     |       |
| Q1123-01                         | BU-03-1172025 | Solid  | Z-5-Nonadecene *                    | 66.400          | J |      |     |       |
| <b>Total Tics :</b>              |               |        |                                     | <b>3,308.30</b> |   |      |     |       |
| Q1123-01                         | BU-03-1172025 | Solid  | Anthracene                          | 75.800          | J | 55.3 | 110 | ug/Kg |
| Q1123-01                         | BU-03-1172025 | Solid  | Benzo(a)anthracene                  | 190.000         |   | 52.9 | 110 | ug/Kg |
| Q1123-01                         | BU-03-1172025 | Solid  | Benzo(a)pyrene                      | 190.000         |   | 60.9 | 110 | ug/Kg |
| Q1123-01                         | BU-03-1172025 | Solid  | Benzo(b)fluoranthene                | 220.000         |   | 53.1 | 110 | ug/Kg |
| Q1123-01                         | BU-03-1172025 | Solid  | Benzo(g,h,i)perylene                | 82.300          | J | 52.5 | 110 | ug/Kg |
| Q1123-01                         | BU-03-1172025 | Solid  | Benzo(k)fluoranthene                | 98.300          | J | 54.1 | 110 | ug/Kg |
| Q1123-01                         | BU-03-1172025 | Solid  | Chrysene                            | 160.000         |   | 52.1 | 110 | ug/Kg |
| Q1123-01                         | BU-03-1172025 | Solid  | Fluoranthene                        | 360.000         |   | 53.5 | 110 | ug/Kg |
| Q1123-01                         | BU-03-1172025 | Solid  | Indeno(1,2,3-cd)pyrene              | 73.800          | J | 51.2 | 110 | ug/Kg |
| Q1123-01                         | BU-03-1172025 | Solid  | Phenanthrene                        | 310.000         |   | 55   | 110 | ug/Kg |
| Q1123-01                         | BU-03-1172025 | Solid  | Pyrene                              | 230.000         |   | 54.4 | 110 | ug/Kg |
| <b>Total Svoc :</b>              |               |        |                                     | <b>1,990.20</b> |   |      |     |       |
| <b>Total Concentration:</b>      |               |        |                                     | <b>5,298.50</b> |   |      |     |       |
| <b>Client ID : HD-1-011725</b>   |               |        |                                     |                 |   |      |     |       |
| Q1132-01                         | HD-1-011725   | Solid  | 2- Chloropropionic acid, hexadecy * | 97.400          | J |      |     |       |
| Q1132-01                         | HD-1-011725   | Solid  | 2-Pentanone, 4-hydroxy-4-methyl *   | 140.000         | A |      |     |       |
| Q1132-01                         | HD-1-011725   | Solid  | Benzoic acid, p-tert-butyl- *       | 53.700          | J |      |     |       |
| Q1132-01                         | HD-1-011725   | Solid  | Benzophenone *                      | 68.500          | J |      |     |       |

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

**SDG No.:** BF012125

**Client:**

| Sample ID                   | Client ID   | Matrix | Parameter               | Concentration | C               | MDL | RDL | Units |
|-----------------------------|-------------|--------|-------------------------|---------------|-----------------|-----|-----|-------|
| Q1132-01                    | HD-1-011725 | Solid  | Hexanoic acid, 2-ethyl- | *             | 120.000         | J   |     |       |
| Q1132-01                    | HD-1-011725 | Solid  | n-Hexadecanoic acid     | *             | 340.000         | J   |     |       |
| Q1132-01                    | HD-1-011725 | Solid  | Octadecanoic acid       | *             | 240.000         | J   |     |       |
| Q1132-01                    | HD-1-011725 | Solid  | Propane, 1,1-dimethoxy- | *             | 45.300          | J   |     |       |
| <b>Total Tics :</b>         |             |        |                         |               | <b>1,104.90</b> |     |     |       |
| <b>Total Concentration:</b> |             |        |                         |               | <b>1,104.90</b> |     |     |       |



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BF011025 SAS No.: BF011025 SDG No.: BF011025  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 1/10/2025 : \_\_\_\_\_  
Calibration Time(s): 11:58 \_\_\_\_\_

|                             |        |                     |        |        |                     |        |                     |       |
|-----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:                |        | RRF2.5 = BF141109.D |        |        | RRF005 = BF141110.D |        | RRF010 = BF141111.D |       |
|                             |        | RRF020 = BF141112.D |        |        | RRF040 = BF141113.D |        | RRF050 = BF141117.D |       |
| COMPOUND                    | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| n-Nitrosodimethylamine      |        | 0.716               | 0.715  | 0.709  | 0.678               | 0.688  | 0.691               | 3.7   |
| Pyridine                    |        | 1.579               | 1.520  | 1.486  | 1.360               | 1.364  | 1.414               | 8.3   |
| 2-Fluorophenol              |        | 1.453               | 1.400  | 1.378  | 1.248               | 1.236  | 1.295               | 9.1   |
| Benzaldehyde                |        | 1.215               | 1.139  | 1.040  | 0.849               | 0.782  | 0.966               | 19.8  |
| Aniline                     |        | 1.656               | 1.583  | 1.561  | 1.424               | 1.385  | 1.456               | 10.4  |
| Phenol-d6                   |        | 1.834               | 1.773  | 1.736  | 1.566               | 1.569  | 1.640               | 8.6   |
| Phenol                      |        | 1.943               | 1.902  | 1.861  | 1.701               | 1.665  | 1.756               | 8.4   |
| bis(2-Chloroethyl)ether     |        | 1.445               | 1.372  | 1.363  | 1.256               | 1.279  | 1.308               | 6.9   |
| 2-Chlorophenol              |        | 1.561               | 1.476  | 1.458  | 1.345               | 1.338  | 1.389               | 8.2   |
| 1,2-Dichlorobenzene         |        | 1.670               | 1.579  | 1.572  | 1.382               | 1.388  | 1.456               | 10.5  |
| 1,3-Dichlorobenzene         |        | 1.714               | 1.662  | 1.648  | 1.476               | 1.506  | 1.549               | 8.1   |
| 1,4-Dichlorobenzene         |        | 1.766               | 1.653  | 1.668  | 1.495               | 1.495  | 1.561               | 8.8   |
| Benzyl Alcohol              |        | 1.291               | 1.240  | 1.244  | 1.158               | 1.164  | 1.184               | 6.8   |
| 2-Methylphenol              |        | 1.209               | 1.175  | 1.182  | 1.088               | 1.091  | 1.121               | 6.0   |
| 2,2-oxybis(1-Chloropropane) |        | 2.046               | 1.913  | 1.939  | 1.766               | 1.746  | 1.826               | 7.8   |
| Acetophenone                |        | 0.539               | 0.516  | 0.507  | 0.445               | 0.455  | 0.475               | 9.4   |
| 3+4-Methylphenols           |        | 1.631               | 1.529  | 1.527  | 1.375               | 1.342  | 1.415               | 10.9  |
| n-Nitroso-di-n-propylamine  | 1.062  | 1.068               | 1.011  | 1.009  | 0.906               | 0.915  | 0.966               | 8.4   |
| Nitrobenzene-d5             |        | 0.400               | 0.390  | 0.394  | 0.365               | 0.370  | 0.377               | 4.8   |
| Hexachloroethane            |        | 0.610               | 0.591  | 0.595  | 0.548               | 0.551  | 0.565               | 6.4   |
| Nitrobenzene                |        | 0.419               | 0.410  | 0.411  | 0.377               | 0.384  | 0.393               | 5.2   |
| Isophorone                  |        | 0.692               | 0.668  | 0.674  | 0.617               | 0.629  | 0.645               | 5.1   |
| 2-Nitrophenol               |        | 0.161               | 0.173  | 0.190  | 0.178               | 0.184  | 0.179               | 5.3   |
| 2,4-Dimethylphenol          |        | 0.252               | 0.244  | 0.250  | 0.236               | 0.239  | 0.241               | 3.3   |
| bis(2-Chloroethoxy)methane  |        | 0.435               | 0.419  | 0.430  | 0.387               | 0.393  | 0.405               | 5.6   |
| 2,4-Dichlorophenol          |        | 0.296               | 0.296  | 0.300  | 0.277               | 0.286  | 0.287               | 4.3   |
| 1,2,4-Trichlorobenzene      |        | 0.356               | 0.344  | 0.348  | 0.314               | 0.317  | 0.328               | 6.5   |
| Benzoic acid                |        | 0.182               | 0.211  | 0.231  | 0.238               | 0.251  | 0.231               | 11.7  |
| Naphthalene                 |        | 1.178               | 1.126  | 1.131  | 0.998               | 1.023  | 1.055               | 8.6   |
| 4-Chloroaniline             |        | 0.397               | 0.390  | 0.386  | 0.345               | 0.349  | 0.365               | 7.1   |
| Hexachlorobutadiene         |        | 0.213               | 0.207  | 0.208  | 0.188               | 0.194  | 0.197               | 6.2   |
| Caprolactam                 |        | 0.096               | 0.092  | 0.099  | 0.091               | 0.094  | 0.094               | 3.0   |
| 4-Chloro-3-methylphenol     |        | 0.331               | 0.322  | 0.327  | 0.302               | 0.313  | 0.313               | 4.4   |
| 2-Methylnaphthalene         |        | 0.751               | 0.719  | 0.710  | 0.638               | 0.654  | 0.672               | 8.3   |
| Hexachlorocyclopentadiene   |        | 0.170               | 0.181  | 0.201  | 0.200               | 0.189  | 0.188               | 5.7   |
| 2,4,6-Trichlorophenol       |        | 0.399               | 0.384  | 0.412  | 0.380               | 0.382  | 0.387               | 3.4   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BF011025 SAS No.: BF011025 SDG No.: BF011025  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 1/10/2025 : \_\_\_\_\_  
Calibration Time(s): 11:58 \_\_\_\_\_

|                            |        |                     |        |        |                     |        |                     |       |
|----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:               |        | RRF2.5 = BF141109.D |        |        | RRF005 = BF141110.D |        | RRF010 = BF141111.D |       |
|                            |        | RRF020 = BF141112.D |        |        | RRF040 = BF141113.D |        | RRF050 = BF141117.D |       |
| COMPOUND                   | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| 2-Fluorobiphenyl           |        | 1.582               | 1.459  | 1.408  | 1.225               | 1.224  | 1.310               | 13.4  |
| 2,4,5-Trichlorophenol      |        | 0.429               | 0.419  | 0.418  | 0.401               | 0.411  | 0.409               | 4.1   |
| 1,1-Biphenyl               |        | 1.761               | 1.671  | 1.654  | 1.490               | 1.491  | 1.553               | 9.3   |
| 2-Chloronaphthalene        |        | 1.345               | 1.288  | 1.273  | 1.164               | 1.174  | 1.210               | 7.8   |
| 2-Nitroaniline             |        | 0.360               | 0.358  | 0.365  | 0.351               | 0.365  | 0.359               | 2.0   |
| Dimethylphthalate          |        | 1.447               | 1.406  | 1.404  | 1.299               | 1.318  | 1.343               | 5.8   |
| Acenaphthylene             |        | 1.915               | 1.820  | 1.830  | 1.660               | 1.678  | 1.728               | 7.5   |
| 2,6-Dinitrotoluene         |        | 0.308               | 0.317  | 0.328  | 0.312               | 0.315  | 0.312               | 3.3   |
| 3-Nitroaniline             |        | 0.321               | 0.324  | 0.333  | 0.316               | 0.320  | 0.317               | 3.7   |
| Acenaphthene               |        | 1.317               | 1.267  | 1.274  | 1.165               | 1.185  | 1.208               | 6.7   |
| 2,4-Dinitrophenol          |        |                     | 0.097  | 0.133  | 0.155               | 0.168  | 0.148               | 19.4  |
| 4-Nitrophenol              |        | 0.224               | 0.241  | 0.255  | 0.250               | 0.264  | 0.248               | 5.3   |
| Dibenzofuran               |        | 1.866               | 1.736  | 1.738  | 1.586               | 1.585  | 1.642               | 8.8   |
| 2,4-Dinitrotoluene         |        | 0.372               | 0.401  | 0.423  | 0.395               | 0.424  | 0.402               | 4.7   |
| Diethylphthalate           |        | 1.416               | 1.397  | 1.378  | 1.253               | 1.289  | 1.311               | 6.6   |
| 4-Chlorophenyl-phenylether |        | 0.709               | 0.672  | 0.663  | 0.594               | 0.593  | 0.622               | 9.7   |
| Fluorene                   |        | 1.488               | 1.403  | 1.359  | 1.197               | 1.213  | 1.276               | 11.1  |
| 4-Nitroaniline             |        | 0.314               | 0.312  | 0.315  | 0.300               | 0.323  | 0.311               | 3.1   |
| 4,6-Dinitro-2-methylphenol |        | 0.077               | 0.095  | 0.120  | 0.129               | 0.130  | 0.116               | 18.4  |
| n-Nitrosodiphenylamine     |        | 0.706               | 0.677  | 0.683  | 0.651               | 0.603  | 0.645               | 7.4   |
| Azobenzene                 |        | 1.430               | 1.363  | 1.353  | 1.245               | 1.264  | 1.293               | 7.1   |
| 2,4,6-Tribromophenol       |        | 0.233               | 0.233  | 0.235  | 0.219               | 0.230  | 0.228               | 3.0   |
| 4-Bromophenyl-phenylether  |        | 0.241               | 0.237  | 0.238  | 0.232               | 0.220  | 0.230               | 4.2   |
| Hexachlorobenzene          |        | 0.273               | 0.263  | 0.266  | 0.257               | 0.244  | 0.256               | 4.8   |
| Atrazine                   |        | 0.213               | 0.201  | 0.170  | 0.141               | 0.184  | 0.174               | 16.3  |
| Pentachlorophenol          |        | 0.142               | 0.162  | 0.171  | 0.173               | 0.169  | 0.164               | 6.6   |
| Phenanthrene               |        | 1.218               | 1.152  | 1.122  | 1.064               | 1.014  | 1.074               | 9.0   |
| Anthracene                 |        | 1.162               | 1.111  | 1.095  | 1.042               | 0.994  | 1.044               | 8.2   |
| Carbazole                  |        | 1.052               | 1.025  | 1.011  | 0.944               | 0.935  | 0.957               | 8.1   |
| Di-n-butylphthalate        |        | 1.186               | 1.177  | 1.139  | 1.087               | 1.079  | 1.096               | 7.3   |
| Fluoranthene               |        | 1.211               | 1.188  | 1.104  | 1.037               | 1.051  | 1.071               | 9.7   |
| Benzidine                  |        | 0.380               | 0.309  | 0.310  | 0.409               | 0.340  | 0.371               | 13.8  |
| Pyrene                     |        | 1.952               | 1.977  | 2.081  | 1.848               | 1.839  | 1.910               | 6.1   |
| Terphenyl-d14              |        | 1.444               | 1.424  | 1.483  | 1.272               | 1.280  | 1.346               | 8.4   |
| Butylbenzylphthalate       |        | 0.583               | 0.629  | 0.663  | 0.614               | 0.677  | 0.637               | 5.4   |
| 3,3-Dichlorobenzidine      |        | 0.434               | 0.422  | 0.444  | 0.418               | 0.426  | 0.433               | 2.7   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BF011025 SAS No.: BF011025 SDG No.: BF011025  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 1/10/2025 : \_\_\_\_\_  
Calibration Time(s): 11:58 \_\_\_\_\_

|                            |        |                     |        |        |                     |        |                     |       |
|----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:               |        | RRF2.5 = BF141109.D |        |        | RRF005 = BF141110.D |        | RRF010 = BF141111.D |       |
|                            |        | RRF020 = BF141112.D |        |        | RRF040 = BF141113.D |        | RRF050 = BF141117.D |       |
| COMPOUND                   | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| Benzo(a)anthracene         |        | 1.473               | 1.420  | 1.427  | 1.245               | 1.329  | 1.361               | 6.3   |
| Chrysene                   |        | 1.382               | 1.316  | 1.336  | 1.207               | 1.237  | 1.274               | 5.5   |
| Bis(2-ethylhexyl)phthalate |        | 0.734               | 0.768  | 0.807  | 0.726               | 0.819  | 0.764               | 5.4   |
| Di-n-octyl phthalate       |        | 0.950               | 1.039  | 1.169  | 1.151               | 1.235  | 1.154               | 10.5  |
| Benzo(b)fluoranthene       |        | 1.461               | 1.415  | 1.290  | 1.201               | 1.315  | 1.290               | 9.0   |
| Benzo(k)fluoranthene       |        | 1.128               | 1.102  | 1.141  | 1.043               | 1.038  | 1.090               | 3.7   |
| Benzo(a)pyrene             |        | 1.103               | 1.090  | 1.095  | 1.039               | 1.048  | 1.064               | 3.3   |
| Indeno(1,2,3-cd)pyrene     |        | 1.472               | 1.420  | 1.558  | 1.472               | 1.421  | 1.465               | 4.5   |
| Dibenzo(a,h)anthracene     |        | 1.174               | 1.178  | 1.262  | 1.197               | 1.150  | 1.185               | 5.0   |
| Benzo(g,h,i)perylene       |        | 1.256               | 1.221  | 1.347  | 1.263               | 1.195  | 1.233               | 7.6   |
| 1,2,4,5-Tetrachlorobenzene |        | 0.632               | 0.601  | 0.604  | 0.554               | 0.552  | 0.574               | 6.8   |
| 1,4-Dioxane                |        | 0.616               | 0.596  | 0.598  | 0.563               | 0.573  | 0.577               | 5.2   |
| 2,3,4,6-Tetrachlorophenol  |        | 0.353               | 0.358  | 0.354  | 0.332               | 0.333  | 0.340               | 4.7   |
| 1-Methylnaphthalene        |        | 0.747               | 0.712  | 0.710  | 0.625               | 0.635  | 0.662               | 9.1   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF012125 SAS No.: BF012125 SDG NO.: BF012125

EPA Sample No.: SSTDICCC040 Date Analyzed: Jan 21 2025 12:00AM

Lab File ID: BF141113.D Time Analyzed: 12:10

Instrument ID: BNA\_F GC Column: DB-UI ID: 0.18 (mm)

|                     | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #  | IS3 (ANT)<br>AREA # | RT #   |
|---------------------|---------------------|-------|---------------------|-------|---------------------|--------|
| 12 HOUR STD         | 178652              | 6.822 | 695197              | 8.10  | 363903              | 9.86   |
| UPPER LIMIT         | 357304              | 7.322 | 1390394             | 8.604 | 727806              | 10.363 |
| LOWER LIMIT         | 89326               | 6.322 | 347598.5            | 7.604 | 181951.5            | 9.363  |
| EPA SAMPLE NO.      |                     |       |                     |       |                     |        |
| 01 PB166129BL       | 158545              | 6.80  | 642161              | 8.08  | 344692              | 9.84   |
| 02 PB166129BS       | 145633              | 6.80  | 584630              | 8.09  | 308578              | 9.85   |
| 03 BU-03-1172025    | 164727              | 6.80  | 632881              | 8.09  | 329701              | 9.84   |
| 04 BU-03-1172025MS  | 154688              | 6.80  | 598780              | 8.09  | 300108              | 9.85   |
| 05 BU-03-1172025MSD | 165395              | 6.80  | 646884              | 8.09  | 329131              | 9.85   |
| 06 HD-1-011725      | 153542              | 6.80  | 581523              | 8.09  | 284638              | 9.84   |

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.: BF012125 SAS No.: BF012125 SDG NO.: BF012125

EPA Sample No.: SSTDCCC040 Date Analyzed: Jan 21 2025 12:00AM

Lab File ID: BF141228.D Time Analyzed: 12:10

Instrument ID: BNA\_F GC Column: DB-UI ID: 0.18 (mm)

|                     | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #  | IS3 (ANT)<br>AREA # | RT #   |
|---------------------|---------------------|-------|---------------------|-------|---------------------|--------|
| 12 HOUR STD         | 174201              | 6.804 | 651170              | 8.09  | 329142              | 9.85   |
| UPPER LIMIT         | 348402              | 7.304 | 1302340             | 8.586 | 658284              | 10.345 |
| LOWER LIMIT         | 87100.5             | 6.304 | 325585              | 7.586 | 164571              | 9.345  |
| EPA SAMPLE NO.      |                     |       |                     |       |                     |        |
| 01 PB166129BL       | 158545              | 6.80  | 642161              | 8.08  | 344692              | 9.84   |
| 02 PB166129BS       | 145633              | 6.80  | 584630              | 8.09  | 308578              | 9.85   |
| 03 BU-03-1172025    | 164727              | 6.80  | 632881              | 8.09  | 329701              | 9.84   |
| 04 BU-03-1172025MS  | 154688              | 6.80  | 598780              | 8.09  | 300108              | 9.85   |
| 05 BU-03-1172025MSD | 165395              | 6.80  | 646884              | 8.09  | 329131              | 9.85   |
| 06 HD-1-011725      | 153542              | 6.80  | 581523              | 8.09  | 284638              | 9.84   |

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.: BF012125 SAS No.: BF012125 SDG NO.: BF012125

EPA Sample No.: SSTDICCC040 Date Analyzed: Jan 21 2025 12:00AM

Lab File ID: BF141113.D Time Analyzed: 12:10

Instrument ID: BNA\_F GC Column: DB-UI ID: 0.18 (mm)

|                     | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|---------------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD         | 589244              | 11.345 | 328095              | 13.986 | 356368              | 15.439 |
| UPPER LIMIT         | 1178488             | 11.845 | 656190              | 14.486 | 712736              | 15.939 |
| LOWER LIMIT         | 294622              | 10.845 | 164047.5            | 13.486 | 178184              | 14.939 |
| EPA SAMPLE NO.      |                     |        |                     |        |                     |        |
| 01 PB166129BL       | 572232              | 11.33  | 414653              | 13.97  | 377045              | 15.44  |
| 02 PB166129BS       | 490755              | 11.33  | 330539              | 13.97  | 362022              | 15.45  |
| 03 BU-03-1172025    | 496523              | 11.33  | 385189              | 13.97  | 418572              | 15.43  |
| 04 BU-03-1172025MS  | 434901              | 11.33  | 338185              | 13.98  | 363862              | 15.45  |
| 05 BU-03-1172025MSD | 484949              | 11.33  | 350866              | 13.98  | 360260              | 15.46  |
| 06 HD-1-011725      | 420070              | 11.33  | 354896              | 13.97  | 284702              | 15.45  |

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.: BF012125 SAS No.: BF012125 SDG NO.: BF012125

EPA Sample No.: SSTDCCC040 Date Analyzed: Jan 21 2025 12:00AM

Lab File ID: BF141228.D Time Analyzed: 12:10

Instrument ID: BNA\_F GC Column: DB-UI ID: 0.18 (mm)

|                     | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|---------------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD         | 519210              | 11.327 | 364333              | 13.974 | 416863              | 15.433 |
| UPPER LIMIT         | 1038420             | 11.827 | 728666              | 14.474 | 833726              | 15.933 |
| LOWER LIMIT         | 259605              | 10.827 | 182166.5            | 13.474 | 208431.5            | 14.933 |
| EPA SAMPLE NO.      |                     |        |                     |        |                     |        |
| 01 PB166129BL       | 572232              | 11.33  | 414653              | 13.97  | 377045              | 15.44  |
| 02 PB166129BS       | 490755              | 11.33  | 330539              | 13.97  | 362022              | 15.45  |
| 03 BU-03-1172025    | 496523              | 11.33  | 385189              | 13.97  | 418572              | 15.43  |
| 04 BU-03-1172025MS  | 434901              | 11.33  | 338185              | 13.98  | 363862              | 15.45  |
| 05 BU-03-1172025MSD | 484949              | 11.33  | 350866              | 13.98  | 360260              | 15.46  |
| 06 HD-1-011725      | 420070              | 11.33  | 354896              | 13.97  | 284702              | 15.45  |

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.: **BF012125**

Client:

Analytical Method: **8270E**

DataFile:

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|--------|------|-----|
|               |                             |       |        |       |     |     |      | Qual | Low    | High |     |
| PB166129BS    | n-Nitrosodimethylamine      | 1700  | 1700   | ug/Kg | 100 |     |      |      | 57     | 103  |     |
|               | Pyridine                    | 1700  | 1500   | ug/Kg | 88  |     |      |      | 28     | 98   |     |
|               | Benzaldehyde                | 1700  | 300    | ug/Kg | 18  |     |      |      | 10     | 133  |     |
|               | Aniline                     | 1700  | 1400   | ug/Kg | 82  |     |      |      | 38     | 100  |     |
|               | Phenol                      | 1700  | 1700   | ug/Kg | 100 |     |      |      | 62     | 112  |     |
|               | bis(2-Chloroethyl)ether     | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 60     | 101  |     |
|               | 2-Chlorophenol              | 1700  | 1900   | ug/Kg | 112 |     |      |      | 65     | 112  |     |
|               | 1,2-Dichlorobenzene         | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 51     | 102  |     |
|               | 1,3-Dichlorobenzene         | 1700  | 1700   | ug/Kg | 100 |     | *    |      | 52     | 99   |     |
|               | 1,4-Dichlorobenzene         | 1700  | 1700   | ug/Kg | 100 |     |      |      | 52     | 100  |     |
|               | Benzyl Alcohol              | 1700  | 1900   | ug/Kg | 112 |     |      |      | 42     | 116  |     |
|               | 2-Methylphenol              | 1700  | 1800   | ug/Kg | 106 |     |      |      | 61     | 108  |     |
|               | 2,2-oxybis(1-Chloropropane) | 1700  | 1700   | ug/Kg | 100 |     |      |      | 51     | 100  |     |
|               | Acetophenone                | 1700  | 1700   | ug/Kg | 100 |     | *    |      | 66     | 98   |     |
|               | 3+4-Methylphenols           | 1700  | 1700   | ug/Kg | 100 |     |      |      | 58     | 111  |     |
|               | N-Nitroso-di-n-propylamine  | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 63     | 95   |     |
|               | Hexachloroethane            | 1700  | 1800   | ug/Kg | 106 |     |      |      | 72     | 108  |     |
|               | Nitrobenzene                | 1700  | 1600   | ug/Kg | 94  |     |      |      | 57     | 101  |     |
|               | Isophorone                  | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 59     | 99   |     |
|               | 2-Nitrophenol               | 1700  | 1800   | ug/Kg | 106 |     |      |      | 61     | 111  |     |
|               | 2,4-Dimethylphenol          | 1700  | 2100   | ug/Kg | 124 |     |      |      | 46     | 141  |     |
|               | bis(2-Chloroethoxy)methane  | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 66     | 97   |     |
|               | 2,4-Dichlorophenol          | 1700  | 1800   | ug/Kg | 106 |     |      |      | 62     | 107  |     |
|               | 1,2,4-Trichlorobenzene      | 1700  | 1700   | ug/Kg | 100 |     |      |      | 44     | 110  |     |
|               | Benzoic acid                | 1700  | 1700   | ug/Kg | 100 |     |      |      | 10     | 140  |     |
|               | Naphthalene                 | 1700  | 1700   | ug/Kg | 100 |     |      |      | 62     | 100  |     |
|               | 4-Chloroaniline             | 1700  | 790    | ug/Kg | 46  |     |      |      | 16     | 100  |     |
|               | Hexachlorobutadiene         | 1700  | 1700   | ug/Kg | 100 |     | *    |      | 53     | 98   |     |
|               | Caprolactam                 | 1700  | 1500   | ug/Kg | 88  |     |      |      | 67     | 110  |     |
|               | 4-Chloro-3-methylphenol     | 1700  | 1700   | ug/Kg | 100 |     |      |      | 58     | 112  |     |
|               | 2-Methylnaphthalene         | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 60     | 104  |     |
|               | Hexachlorocyclopentadiene   | 3300  | 7200   | ug/Kg | 218 |     | *    |      | 45     | 165  |     |
|               | 2,4,6-Trichlorophenol       | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 59     | 102  |     |
|               | 2,4,5-Trichlorophenol       | 1700  | 1700   | ug/Kg | 100 |     | *    |      | 61     | 98   |     |
|               | 1,1-Biphenyl                | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 57     | 103  |     |
|               | 2-Chloronaphthalene         | 1700  | 1700   | ug/Kg | 100 |     | *    |      | 58     | 99   |     |
|               | 2-Nitroaniline              | 1700  | 1700   | ug/Kg | 100 |     |      |      | 66     | 101  |     |
|               | Dimethylphthalate           | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 61     | 99   |     |
|               | Acenaphthylene              | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 63     | 101  |     |
|               | 2,6-Dinitrotoluene          | 1700  | 1700   | ug/Kg | 100 |     |      |      | 61     | 104  |     |
|               | 3-Nitroaniline              | 1700  | 940    | ug/Kg | 55  |     |      |      | 28     | 100  |     |
|               | Acenaphthene                | 1700  | 1900   | ug/Kg | 112 |     | *    |      | 57     | 104  |     |
|               | Total PAH                   | 27200 | 28300  | ug/Kg | 104 |     |      |      | 57     | 104  |     |
|               | 2,4-Dinitrophenol           | 3300  | 3800   | ug/Kg | 115 |     |      |      | 37     | 128  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF012125**

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

Analytical Method: **8270E**

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

| Lab Sample ID | Parameter                        | Spike | Result | Unit  | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|----------------------------------|-------|--------|-------|-----|-----|------|------|--------|------|-----|
|               |                                  |       |        |       |     |     |      | Qual | Low    | High |     |
| PB166129BS    | 4-Nitrophenol                    | 3300  | 3300   | ug/Kg | 100 |     |      |      | 48     | 119  |     |
|               | Dibenzofuran                     | 1700  | 1700   | ug/Kg | 100 |     | *    |      | 63     | 99   |     |
|               | 2,4-Dinitrotoluene               | 1700  | 1700   | ug/Kg | 100 |     |      |      | 60     | 106  |     |
|               | 2,4-Dinitrotoluene/2,6-Dinitroto | 3400  | 3400   | ug/Kg | 100 |     |      |      | 60     | 106  |     |
|               | Diethylphthalate                 | 1700  | 1700   | ug/Kg | 100 |     |      |      | 60     | 101  |     |
|               | 4-Chlorophenyl-phenylether       | 1700  | 1700   | ug/Kg | 100 |     | *    |      | 58     | 98   |     |
|               | Fluorene                         | 1700  | 1700   | ug/Kg | 100 |     |      |      | 61     | 101  |     |
|               | 4-Nitroaniline                   | 1700  | 1600   | ug/Kg | 94  |     |      |      | 64     | 103  |     |
|               | 4,6-Dinitro-2-methylphenol       | 1700  | 2100   | ug/Kg | 124 |     | *    |      | 76     | 113  |     |
|               | N-Nitrosodiphenylamine           | 1700  | 1900   | ug/Kg | 112 |     | *    |      | 71     | 99   |     |
|               | Azobenzene                       | 1700  | 1700   | ug/Kg | 100 |     |      |      | 54     | 103  |     |
|               | 4-Bromophenyl-phenylether        | 1700  | 1900   | ug/Kg | 112 |     | *    |      | 66     | 102  |     |
|               | Hexachlorobenzene                | 1700  | 1900   | ug/Kg | 112 |     | *    |      | 64     | 98   |     |
|               | Atrazine                         | 1700  | 2300   | ug/Kg | 135 |     |      |      | 47     | 152  |     |
|               | Pentachlorophenol                | 3300  | 3500   | ug/Kg | 106 |     | *    |      | 67     | 105  |     |
|               | Phenanthrene                     | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 59     | 103  |     |
|               | Anthracene                       | 1700  | 1900   | ug/Kg | 112 |     | *    |      | 61     | 105  |     |
|               | Carbazole                        | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 61     | 99   |     |
|               | Di-n-butylphthalate              | 1700  | 1900   | ug/Kg | 112 |     | *    |      | 58     | 104  |     |
|               | Fluoranthene                     | 1700  | 1800   | ug/Kg | 106 |     |      |      | 57     | 107  |     |
|               | Benzidine                        | 3300  | 2000   | ug/Kg | 61  |     |      |      | 10     | 98   |     |
|               | Pyrene                           | 1700  | 1500   | ug/Kg | 88  |     |      |      | 59     | 103  |     |
|               | Butylbenzylphthalate             | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 55     | 103  |     |
|               | 3,3-Dichlorobenzidine            | 1700  | 1100   | ug/Kg | 65  |     |      |      | 42     | 91   |     |
|               | Benzo(a)anthracene               | 1700  | 1700   | ug/Kg | 100 |     |      |      | 60     | 102  |     |
|               | Chrysene                         | 1700  | 1700   | ug/Kg | 100 |     |      |      | 59     | 101  |     |
|               | bis(2-Ethylhexyl)phthalate       | 1700  | 2000   | ug/Kg | 118 |     |      |      | 54     | 135  |     |
|               | Di-n-octyl phthalate             | 1700  | 2400   | ug/Kg | 141 |     | *    |      | 52     | 137  |     |
|               | Benzo(b)fluoranthene             | 1700  | 1800   | ug/Kg | 106 |     |      |      | 62     | 109  |     |
|               | Benzo(k)fluoranthene             | 1700  | 1900   | ug/Kg | 112 |     | *    |      | 62     | 109  |     |
|               | Benzo(a)pyrene                   | 1700  | 1900   | ug/Kg | 112 |     | *    |      | 63     | 103  |     |
|               | Indeno(1,2,3-cd)pyrene           | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 63     | 101  |     |
|               | Dibenz(a,h)anthracene            | 1700  | 1800   | ug/Kg | 106 |     |      |      | 61     | 112  |     |
|               | Benzo(g,h,i)perylene             | 1700  | 1600   | ug/Kg | 94  |     |      |      | 70     | 108  |     |
|               | 1,2,4,5-Tetrachlorobenzene       | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 53     | 101  |     |
|               | 1,4-Dioxane                      | 1700  | 1500   | ug/Kg | 88  |     |      |      | 50     | 96   |     |
|               | 2,3,4,6-Tetrachlorophenol        | 1700  | 1800   | ug/Kg | 106 |     |      |      | 59     | 108  |     |
|               | 1-Methylnaphthalene              | 1700  | 1700   | ug/Kg | 100 |     |      |      | 70     | 130  |     |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166129BL

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BF012125

SAS No.: BF012125 SDG NO.: BF012125

Lab File ID: BF141229.D

Lab Sample ID: PB166129BL

Instrument ID: BNA\_F

Date Extracted: 01/20/2025

Matrix: (soil/water) Solid

Date Analyzed: 01/21/2025

Level: (low/med) LOW

Time Analyzed: 12:10

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 |
|-------------------|------------------|----------------|------------------|
| PB166129BS        | PB166129BS       | BF141230.D     | 01/21/2025       |
| BU-03-1172025     | Q1123-01         | BF141231.D     | 01/21/2025       |
| BU-03-1172025MS   | Q1123-01MS       | BF141232.D     | 01/21/2025       |
| BU-03-1172025MSD  | Q1123-01MSD      | BF141233.D     | 01/21/2025       |
| HD-1-011725       | Q1132-01         | BF141234.D     | 01/21/2025       |

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

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BF012125

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

**Analytical Method:** 8270E

| Parameter                        | Spike | Sample Result                            | Result | Units                       | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|----------------------------------|-------|------------------------------------------|--------|-----------------------------|-----|----------|-----|----------|-----|-------------|-----|
| <b>Lab Sample ID: Q1123-01MS</b> |       | <b>Client Sample ID: BU-03-1172025MS</b> |        | <b>DataFile: BF141232.D</b> |     |          |     |          |     |             |     |
| n-Nitrosodimethylamine           | 1100  |                                          | 1000   | ug/Kg                       | 91  |          |     |          | 66  | 124         |     |
| Pyridine                         | 1100  |                                          | 940    | ug/Kg                       | 85  |          |     |          | 45  | 119         |     |
| Benzaldehyde                     | 1100  |                                          | 180    | ug/Kg                       | 16  |          |     |          | 10  | 86          |     |
| Aniline                          | 1100  |                                          | 580    | ug/Kg                       | 53  |          |     |          | 10  | 88          |     |
| Phenol                           | 1100  |                                          | 1000   | ug/Kg                       | 91  |          |     |          | 67  | 126         |     |
| bis(2-Chloroethyl)ether          | 1100  |                                          | 1100   | ug/Kg                       | 100 |          |     |          | 54  | 125         |     |
| 2-Chlorophenol                   | 1100  |                                          | 1100   | ug/Kg                       | 100 |          |     |          | 79  | 107         |     |
| 1,2-Dichlorobenzene              | 1100  |                                          | 1000   | ug/Kg                       | 91  |          |     |          | 61  | 105         |     |
| 1,3-Dichlorobenzene              | 1100  |                                          | 1000   | ug/Kg                       | 91  |          |     |          | 62  | 101         |     |
| 1,4-Dichlorobenzene              | 1100  |                                          | 1000   | ug/Kg                       | 91  |          |     |          | 63  | 104         |     |
| Benzyl Alcohol                   | 1100  |                                          | 1100   | ug/Kg                       | 100 |          |     |          | 47  | 126         |     |
| 2-Methylphenol                   | 1100  |                                          | 1100   | ug/Kg                       | 100 |          |     |          | 66  | 122         |     |
| 2,2-oxybis(1-Chloropropane)      | 1100  |                                          | 1000   | ug/Kg                       | 91  |          |     |          | 65  | 110         |     |
| Acetophenone                     | 1100  |                                          | 1100   | ug/Kg                       | 100 |          |     |          | 75  | 111         |     |
| 3+4-Methylphenols                | 1100  |                                          | 1000   | ug/Kg                       | 91  |          |     |          | 66  | 104         |     |
| N-Nitroso-di-n-propylamine       | 1100  |                                          | 1100   | ug/Kg                       | 100 |          |     |          | 59  | 119         |     |
| Hexachloroethane                 | 1100  |                                          | 1100   | ug/Kg                       | 100 |          |     |          | 65  | 117         |     |
| Nitrobenzene                     | 1100  |                                          | 1000   | ug/Kg                       | 91  |          |     |          | 70  | 119         |     |
| Isophorone                       | 1100  |                                          | 1100   | ug/Kg                       | 100 |          |     |          | 76  | 122         |     |
| 2-Nitrophenol                    | 1100  |                                          | 1200   | ug/Kg                       | 109 |          |     |          | 54  | 145         |     |
| 2,4-Dimethylphenol               | 1100  |                                          | 1300   | ug/Kg                       | 118 |          |     |          | 44  | 135         |     |
| bis(2-Chloroethoxy)methane       | 1100  |                                          | 1100   | ug/Kg                       | 100 |          |     |          | 68  | 112         |     |
| 2,4-Dichlorophenol               | 1100  |                                          | 1100   | ug/Kg                       | 100 |          |     |          | 72  | 118         |     |
| 1,2,4-Trichlorobenzene           | 1100  |                                          | 1000   | ug/Kg                       | 91  |          |     |          | 57  | 103         |     |
| Benzoic acid                     | 1100  |                                          | 880    | ug/Kg                       | 80  |          |     |          | 50  | 104         |     |
| Naphthalene                      | 1100  |                                          | 1100   | ug/Kg                       | 100 |          |     |          | 72  | 110         |     |
| 4-Chloroaniline                  | 1100  |                                          | 340    | ug/Kg                       | 31  |          |     |          | 10  | 91          |     |
| Hexachlorobutadiene              | 1100  |                                          | 1100   | ug/Kg                       | 100 |          |     |          | 66  | 114         |     |
| Caprolactam                      | 1100  |                                          | 990    | ug/Kg                       | 90  |          |     |          | 51  | 134         |     |
| 4-Chloro-3-methylphenol          | 1100  |                                          | 1100   | ug/Kg                       | 100 |          |     |          | 57  | 132         |     |
| 2-Methylnaphthalene              | 1100  |                                          | 1100   | ug/Kg                       | 100 |          |     |          | 59  | 123         |     |
| Hexachlorocyclopentadiene        | 2200  |                                          | 3200   | ug/Kg                       | 145 |          |     |          | 10  | 175         |     |
| 2,4,6-Trichlorophenol            | 1100  |                                          | 1100   | ug/Kg                       | 100 |          |     |          | 72  | 117         |     |
| 2,4,5-Trichlorophenol            | 1100  |                                          | 1100   | ug/Kg                       | 100 |          |     |          | 72  | 117         |     |
| 1,1-Biphenyl                     | 1100  |                                          | 1100   | ug/Kg                       | 100 |          |     |          | 75  | 113         |     |
| 2-Chloronaphthalene              | 1100  |                                          | 1100   | ug/Kg                       | 100 |          |     |          | 67  | 118         |     |
| 2-Nitroaniline                   | 1100  |                                          | 1100   | ug/Kg                       | 100 |          |     |          | 69  | 127         |     |
| Dimethylphthalate                | 1100  |                                          | 1200   | ug/Kg                       | 109 |          |     |          | 70  | 113         |     |
| Acenaphthylene                   | 1100  |                                          | 1200   | ug/Kg                       | 109 |          |     |          | 79  | 118         |     |
| 2,6-Dinitrotoluene               | 1100  |                                          | 1100   | ug/Kg                       | 100 |          |     |          | 70  | 125         |     |
| 3-Nitroaniline                   | 1100  |                                          | 650    | ug/Kg                       | 59  |          |     |          | 30  | 99          |     |
| Acenaphthene                     | 1100  |                                          | 1200   | ug/Kg                       | 109 |          |     |          | 70  | 121         |     |
| Total PAH                        | 17600 | 1990.2                                   | 18690  | ug/Kg                       | 106 |          |     |          | 70  | 121         |     |
| 2,4-Dinitrophenol                | 2200  |                                          | 1700   | ug/Kg                       | 77  |          |     |          | 10  | 155         |     |
| 4-Nitrophenol                    | 2200  |                                          | 2000   | ug/Kg                       | 91  |          |     |          | 45  | 133         |     |
| Dibenzofuran                     | 1100  |                                          | 1100   | ug/Kg                       | 100 |          |     |          | 72  | 110         |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BF012125

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

**Analytical Method:** 8270E

| Parameter                         | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|-----------------------------------|-------|---------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| 2,4-Dinitrotoluene                | 1100  |               | 1100   | ug/Kg | 100 |          |     |          | 55  | 128         |     |
| 2,4-Dinitrotoluene/2,6-Dinitrotol | 2200  |               | 2200   | ug/Kg | 100 |          |     |          | 55  | 128         |     |
| Diethylphthalate                  | 1100  |               | 1200   | ug/Kg | 109 |          |     |          | 70  | 112         |     |
| 4-Chlorophenyl-phenylether        | 1100  |               | 1100   | ug/Kg | 100 |          |     |          | 71  | 108         |     |
| Fluorene                          | 1100  | 0             | 1100   | ug/Kg | 100 |          |     |          | 68  | 116         |     |
| 4-Nitroaniline                    | 1100  |               | 920    | ug/Kg | 84  |          |     |          | 55  | 120         |     |
| 4,6-Dinitro-2-methylphenol        | 1100  |               | 1100   | ug/Kg | 100 |          |     |          | 10  | 160         |     |
| N-Nitrosodiphenylamine            | 1100  |               | 1300   | ug/Kg | 118 |          |     |          | 73  | 118         |     |
| Azobenzene                        | 1100  |               | 1100   | ug/Kg | 100 |          |     |          | 73  | 110         |     |
| 4-Bromophenyl-phenylether         | 1100  |               | 1300   | ug/Kg | 118 |          |     |          | 65  | 121         |     |
| Hexachlorobenzene                 | 1100  |               | 1200   | ug/Kg | 109 |          |     |          | 67  | 118         |     |
| Atrazine                          | 1100  |               | 1600   | ug/Kg | 145 | *        |     |          | 79  | 127         |     |
| Pentachlorophenol                 | 2200  |               | 2100   | ug/Kg | 95  |          |     |          | 47  | 128         |     |
| Phenanthrene                      | 1100  | 310           | 1400   | ug/Kg | 99  |          |     |          | 52  | 128         |     |
| Anthracene                        | 1100  | 75.8          | 1300   | ug/Kg | 111 |          |     |          | 62  | 124         |     |
| Carbazole                         | 1100  |               | 1100   | ug/Kg | 100 |          |     |          | 59  | 119         |     |
| Di-n-butylphthalate               | 1100  |               | 1300   | ug/Kg | 118 |          |     |          | 69  | 118         |     |
| Fluoranthene                      | 1100  | 360           | 1400   | ug/Kg | 95  |          |     |          | 44  | 125         |     |
| Benzydine                         | 2200  |               | 1200   | ug/Kg | 55  |          |     |          | 10  | 119         |     |
| Pyrene                            | 1100  | 230           | 1000   | ug/Kg | 70  |          |     |          | 26  | 142         |     |
| Butylbenzylphthalate              | 1100  |               | 1100   | ug/Kg | 100 |          |     |          | 64  | 126         |     |
| 3,3-Dichlorobenzidine             | 1100  |               | 690    | ug/Kg | 63  |          |     |          | 33  | 116         |     |
| Benzo(a)anthracene                | 1100  | 190           | 1300   | ug/Kg | 101 |          |     |          | 71  | 114         |     |
| Chrysene                          | 1100  | 160           | 1200   | ug/Kg | 95  |          |     |          | 57  | 121         |     |
| bis(2-Ethylhexyl)phthalate        | 1100  |               | 1200   | ug/Kg | 109 |          |     |          | 42  | 169         |     |
| Di-n-octyl phthalate              | 1100  |               | 1500   | ug/Kg | 136 |          |     |          | 23  | 175         |     |
| Benzo(b)fluoranthene              | 1100  | 220           | 1300   | ug/Kg | 98  |          |     |          | 67  | 121         |     |
| Benzo(k)fluoranthene              | 1100  | 98.3          | 1200   | ug/Kg | 100 |          |     |          | 57  | 134         |     |
| Benzo(a)pyrene                    | 1100  | 190           | 1400   | ug/Kg | 110 |          |     |          | 70  | 142         |     |
| Indeno(1,2,3-cd)pyrene            | 1100  | 73.8          | 910    | ug/Kg | 76  |          |     |          | 40  | 129         |     |
| Dibenz(a,h)anthracene             | 1100  |               | 900    | ug/Kg | 82  |          |     |          | 43  | 123         |     |
| Benzo(g,h,i)perylene              | 1100  | 82.3          | 780    | ug/Kg | 63  |          |     |          | 24  | 125         |     |
| 1,2,4,5-Tetrachlorobenzene        | 1100  |               | 1100   | ug/Kg | 100 |          |     |          | 69  | 124         |     |
| 1,4-Dioxane                       | 1100  |               | 930    | ug/Kg | 85  |          |     |          | 46  | 112         |     |
| 2,3,4,6-Tetrachlorophenol         | 1100  |               | 1100   | ug/Kg | 100 |          |     |          | 69  | 112         |     |
| 1-Methylnaphthalene               | 1100  |               | 1000   | ug/Kg | 91  |          |     |          | 70  | 130         |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BF012125

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

**Analytical Method:** 8270E

| Parameter                         | Spike | Sample Result                             | Result | Units                       | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|-----------------------------------|-------|-------------------------------------------|--------|-----------------------------|-----|----------|-----|----------|-----|-------------|-----|
| <b>Lab Sample ID: Q1123-01MSD</b> |       | <b>Client Sample ID: BU-03-1172025MSD</b> |        | <b>DataFile: BF141233.D</b> |     |          |     |          |     |             |     |
| n-Nitrosodimethylamine            | 1100  |                                           | 980    | ug/Kg                       | 89  |          | 2   |          | 66  | 124         | 20  |
| Pyridine                          | 1100  |                                           | 900    | ug/Kg                       | 82  |          | 4   |          | 45  | 119         | 20  |
| Benzaldehyde                      | 1100  |                                           | 180    | ug/Kg                       | 16  |          | 0   |          | 10  | 86          | 20  |
| Aniline                           | 1100  |                                           | 570    | ug/Kg                       | 52  |          | 2   |          | 10  | 88          | 20  |
| Phenol                            | 1100  |                                           | 1000   | ug/Kg                       | 91  |          | 0   |          | 67  | 126         | 20  |
| bis(2-Chloroethyl)ether           | 1100  |                                           | 1100   | ug/Kg                       | 100 |          | 0   |          | 54  | 125         | 20  |
| 2-Chlorophenol                    | 1100  |                                           | 1100   | ug/Kg                       | 100 |          | 0   |          | 79  | 107         | 20  |
| 1,2-Dichlorobenzene               | 1100  |                                           | 1000   | ug/Kg                       | 91  |          | 0   |          | 61  | 105         | 20  |
| 1,3-Dichlorobenzene               | 1100  |                                           | 990    | ug/Kg                       | 90  |          | 1   |          | 62  | 101         | 20  |
| 1,4-Dichlorobenzene               | 1100  |                                           | 1000   | ug/Kg                       | 91  |          | 0   |          | 63  | 104         | 20  |
| Benzyl Alcohol                    | 1100  |                                           | 1100   | ug/Kg                       | 100 |          | 0   |          | 47  | 126         | 20  |
| 2-Methylphenol                    | 1100  |                                           | 1100   | ug/Kg                       | 100 |          | 0   |          | 66  | 122         | 20  |
| 2,2-oxybis(1-Chloropropane)       | 1100  |                                           | 1000   | ug/Kg                       | 91  |          | 0   |          | 65  | 110         | 20  |
| Acetophenone                      | 1100  |                                           | 1000   | ug/Kg                       | 91  |          | 9   |          | 75  | 111         | 20  |
| 3+4-Methylphenols                 | 1100  |                                           | 1000   | ug/Kg                       | 91  |          | 0   |          | 66  | 104         | 20  |
| N-Nitroso-di-n-propylamine        | 1100  |                                           | 1000   | ug/Kg                       | 91  |          | 9   |          | 59  | 119         | 20  |
| Hexachloroethane                  | 1100  |                                           | 1000   | ug/Kg                       | 91  |          | 9   |          | 65  | 117         | 20  |
| Nitrobenzene                      | 1100  |                                           | 990    | ug/Kg                       | 90  |          | 1   |          | 70  | 119         | 20  |
| Isophorone                        | 1100  |                                           | 1100   | ug/Kg                       | 100 |          | 0   |          | 76  | 122         | 20  |
| 2-Nitrophenol                     | 1100  |                                           | 1100   | ug/Kg                       | 100 |          | 9   |          | 54  | 145         | 20  |
| 2,4-Dimethylphenol                | 1100  |                                           | 1300   | ug/Kg                       | 118 |          | 0   |          | 44  | 135         | 20  |
| bis(2-Chloroethoxy)methane        | 1100  |                                           | 1100   | ug/Kg                       | 100 |          | 0   |          | 68  | 112         | 20  |
| 2,4-Dichlorophenol                | 1100  |                                           | 1100   | ug/Kg                       | 100 |          | 0   |          | 72  | 118         | 20  |
| 1,2,4-Trichlorobenzene            | 1100  |                                           | 1000   | ug/Kg                       | 91  |          | 0   |          | 57  | 103         | 20  |
| Benzoic acid                      | 1100  |                                           | 960    | ug/Kg                       | 87  |          | 8   |          | 50  | 104         | 20  |
| Naphthalene                       | 1100  |                                           | 1000   | ug/Kg                       | 91  |          | 9   |          | 72  | 110         | 20  |
| 4-Chloroaniline                   | 1100  |                                           | 340    | ug/Kg                       | 31  |          | 0   |          | 10  | 91          | 20  |
| Hexachlorobutadiene               | 1100  |                                           | 1100   | ug/Kg                       | 100 |          | 0   |          | 66  | 114         | 20  |
| Caprolactam                       | 1100  |                                           | 1000   | ug/Kg                       | 91  |          | 1   |          | 51  | 134         | 20  |
| 4-Chloro-3-methylphenol           | 1100  |                                           | 1100   | ug/Kg                       | 100 |          | 0   |          | 57  | 132         | 20  |
| 2-Methylnaphthalene               | 1100  |                                           | 1100   | ug/Kg                       | 100 |          | 0   |          | 59  | 123         | 20  |
| Hexachlorocyclopentadiene         | 2200  |                                           | 2500   | ug/Kg                       | 114 |          | 24  | *        | 10  | 175         | 20  |
| 2,4,6-Trichlorophenol             | 1100  |                                           | 1100   | ug/Kg                       | 100 |          | 0   |          | 72  | 117         | 20  |
| 2,4,5-Trichlorophenol             | 1100  |                                           | 1100   | ug/Kg                       | 100 |          | 0   |          | 72  | 117         | 20  |
| 1,1-Biphenyl                      | 1100  |                                           | 1100   | ug/Kg                       | 100 |          | 0   |          | 75  | 113         | 20  |
| 2-Chloronaphthalene               | 1100  |                                           | 1000   | ug/Kg                       | 91  |          | 9   |          | 67  | 118         | 20  |
| 2-Nitroaniline                    | 1100  |                                           | 1100   | ug/Kg                       | 100 |          | 0   |          | 69  | 127         | 20  |
| Dimethylphthalate                 | 1100  |                                           | 1100   | ug/Kg                       | 100 |          | 9   |          | 70  | 113         | 20  |
| Acenaphthylene                    | 1100  |                                           | 1100   | ug/Kg                       | 100 |          | 9   |          | 79  | 118         | 20  |
| 2,6-Dinitrotoluene                | 1100  |                                           | 1100   | ug/Kg                       | 100 |          | 0   |          | 70  | 125         | 20  |
| 3-Nitroaniline                    | 1100  |                                           | 640    | ug/Kg                       | 58  |          | 2   |          | 30  | 99          | 20  |
| Acenaphthene                      | 1100  |                                           | 1100   | ug/Kg                       | 100 |          | 9   |          | 70  | 121         | 20  |
| Total PAH                         | 17600 | 1990.2                                    | 18200  | ug/Kg                       | 103 |          | 3   |          | 70  | 121         | 20  |
| 2,4-Dinitrophenol                 | 2200  |                                           | 1400   | ug/Kg                       | 64  |          | 18  |          | 10  | 155         | 20  |
| 4-Nitrophenol                     | 2200  |                                           | 2100   | ug/Kg                       | 95  |          | 4   |          | 45  | 133         | 20  |
| Dibenzofuran                      | 1100  |                                           | 1100   | ug/Kg                       | 100 |          | 0   |          | 72  | 110         | 20  |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BF012125

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

**Analytical Method:** 8270E

| Parameter                         | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|-----------------------------------|-------|---------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| 2,4-Dinitrotoluene                | 1100  |               | 1100   | ug/Kg | 100 |          | 0   |          | 55  | 128         | 20  |
| 2,4-Dinitrotoluene/2,6-Dinitrotol | 2200  |               | 2200   | ug/Kg | 100 |          | 0   |          | 55  | 128         | 20  |
| Diethylphthalate                  | 1100  |               | 1100   | ug/Kg | 100 |          | 9   |          | 70  | 112         | 20  |
| 4-Chlorophenyl-phenylether        | 1100  |               | 1100   | ug/Kg | 100 |          | 0   |          | 71  | 108         | 20  |
| Fluorene                          | 1100  | 0             | 1100   | ug/Kg | 100 |          | 0   |          | 68  | 116         | 20  |
| 4-Nitroaniline                    | 1100  |               | 920    | ug/Kg | 84  |          | 0   |          | 55  | 120         | 20  |
| 4,6-Dinitro-2-methylphenol        | 1100  |               | 870    | ug/Kg | 79  |          | 23  | *        | 10  | 160         | 20  |
| N-Nitrosodiphenylamine            | 1100  |               | 1300   | ug/Kg | 118 |          | 0   |          | 73  | 118         | 20  |
| Azobenzene                        | 1100  |               | 1100   | ug/Kg | 100 |          | 0   |          | 73  | 110         | 20  |
| 4-Bromophenyl-phenylether         | 1100  |               | 1300   | ug/Kg | 118 |          | 0   |          | 65  | 121         | 20  |
| Hexachlorobenzene                 | 1100  |               | 1200   | ug/Kg | 109 |          | 0   |          | 67  | 118         | 20  |
| Atrazine                          | 1100  |               | 1500   | ug/Kg | 136 | *        | 6   |          | 79  | 127         | 20  |
| Pentachlorophenol                 | 2200  |               | 2100   | ug/Kg | 95  |          | 0   |          | 47  | 128         | 20  |
| Phenanthrene                      | 1100  | 310           | 1400   | ug/Kg | 99  |          | 0   |          | 52  | 128         | 20  |
| Anthracene                        | 1100  | 75.8          | 1200   | ug/Kg | 102 |          | 8   |          | 62  | 124         | 20  |
| Carbazole                         | 1100  |               | 1100   | ug/Kg | 100 |          | 0   |          | 59  | 119         | 20  |
| Di-n-butylphthalate               | 1100  |               | 1300   | ug/Kg | 118 |          | 0   |          | 69  | 118         | 20  |
| Fluoranthene                      | 1100  | 360           | 1400   | ug/Kg | 95  |          | 0   |          | 44  | 125         | 20  |
| Benzydine                         | 2200  |               | 1300   | ug/Kg | 59  |          | 7   |          | 10  | 119         | 20  |
| Pyrene                            | 1100  | 230           | 1100   | ug/Kg | 79  |          | 12  |          | 26  | 142         | 20  |
| Butylbenzylphthalate              | 1100  |               | 1100   | ug/Kg | 100 |          | 0   |          | 64  | 126         | 20  |
| 3,3-Dichlorobenzidine             | 1100  |               | 770    | ug/Kg | 70  |          | 11  |          | 33  | 116         | 20  |
| Benzo(a)anthracene                | 1100  | 190           | 1200   | ug/Kg | 92  |          | 9   |          | 71  | 114         | 20  |
| Chrysene                          | 1100  | 160           | 1200   | ug/Kg | 95  |          | 0   |          | 57  | 121         | 20  |
| bis(2-Ethylhexyl)phthalate        | 1100  |               | 1200   | ug/Kg | 109 |          | 0   |          | 42  | 169         | 20  |
| Di-n-octyl phthalate              | 1100  |               | 1400   | ug/Kg | 127 |          | 7   |          | 23  | 175         | 20  |
| Benzo(b)fluoranthene              | 1100  | 220           | 1400   | ug/Kg | 107 |          | 9   |          | 67  | 121         | 20  |
| Benzo(k)fluoranthene              | 1100  | 98.3          | 1200   | ug/Kg | 100 |          | 0   |          | 57  | 134         | 20  |
| Benzo(a)pyrene                    | 1100  | 190           | 1300   | ug/Kg | 101 |          | 9   |          | 70  | 142         | 20  |
| Indeno(1,2,3-cd)pyrene            | 1100  | 73.8          | 880    | ug/Kg | 73  |          | 4   |          | 40  | 129         | 20  |
| Dibenz(a,h)anthracene             | 1100  |               | 860    | ug/Kg | 78  |          | 5   |          | 43  | 123         | 20  |
| Benzo(g,h,i)perylene              | 1100  | 82.3          | 760    | ug/Kg | 62  |          | 2   |          | 24  | 125         | 20  |
| 1,2,4,5-Tetrachlorobenzene        | 1100  |               | 1100   | ug/Kg | 100 |          | 0   |          | 69  | 124         | 20  |
| 1,4-Dioxane                       | 1100  |               | 890    | ug/Kg | 81  |          | 5   |          | 46  | 112         | 20  |
| 2,3,4,6-Tetrachlorophenol         | 1100  |               | 1100   | ug/Kg | 100 |          | 0   |          | 69  | 112         | 20  |
| 1-Methylnaphthalene               | 1100  |               | 1000   | ug/Kg | 91  |          | 0   |          | 70  | 130         | 20  |

## Surrogate Summary

SW-846

SDG No.: **BF012125**

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

Analytical Method: **8270E**

| Lab Sample ID | Client ID       | Datafile   | Parameter            | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------------|------------|----------------------|----------------|-----------------|--------------|------|------------|------|
|               |                 |            |                      |                |                 |              |      | Low        | High |
| PB166129BL    | PB166129BL      | BF141229.D | 2-Fluorophenol       | 150            | 140.97          | 94           |      | 18         | 112  |
|               |                 |            | Phenol-d6            | 150            | 137.36          | 92           |      | 15         | 107  |
|               |                 |            | Nitrobenzene-d5      | 100            | 96.27           | 96           |      | 18         | 107  |
|               |                 |            | 2-Fluorobiphenyl     | 100            | 97.82           | 98           |      | 20         | 109  |
|               |                 |            | 2,4,6-Tribromophenol | 150            | 150.01          | 100          |      | 10         | 116  |
|               |                 |            | Terphenyl-d14        | 100            | 87.18           | 87           |      | 10         | 105  |
| PB166129BS    | PB166129BS      | BF141230.D | 2-Fluorophenol       | 150            | 151.27          | 101          |      | 18         | 112  |
|               |                 |            | Phenol-d6            | 150            | 150.13          | 100          |      | 15         | 107  |
|               |                 |            | Nitrobenzene-d5      | 100            | 105.49          | 105          |      | 18         | 107  |
|               |                 |            | 2-Fluorobiphenyl     | 100            | 108.13          | 108          |      | 20         | 109  |
|               |                 |            | 2,4,6-Tribromophenol | 150            | 164.71          | 110          |      | 10         | 116  |
|               |                 |            | Terphenyl-d14        | 100            | 100.21          | 100          |      | 10         | 105  |
| Q1123-01      | BU-03-1172025   | BF141231.D | 2-Fluorophenol       | 150            | 92.56           | 62           |      | 18         | 112  |
|               |                 |            | Phenol-d6            | 150            | 91.40           | 61           |      | 15         | 107  |
|               |                 |            | Nitrobenzene-d5      | 100            | 66.64           | 67           |      | 18         | 107  |
|               |                 |            | 2-Fluorobiphenyl     | 100            | 67.55           | 68           |      | 20         | 109  |
|               |                 |            | 2,4,6-Tribromophenol | 150            | 93.56           | 62           |      | 10         | 116  |
|               |                 |            | Terphenyl-d14        | 100            | 52.66           | 53           |      | 10         | 105  |
| Q1123-01MS    | BU-03-1172025MS | BF141232.D | 2-Fluorophenol       | 150            | 98.10           | 65           |      | 18         | 112  |
|               |                 |            | Phenol-d6            | 150            | 97.32           | 65           |      | 15         | 107  |
|               |                 |            | Nitrobenzene-d5      | 100            | 70.89           | 71           |      | 18         | 107  |
|               |                 |            | 2-Fluorobiphenyl     | 100            | 74.29           | 74           |      | 20         | 109  |
|               |                 |            | 2,4,6-Tribromophenol | 150            | 103.71          | 69           |      | 10         | 116  |
|               |                 |            | Terphenyl-d14        | 100            | 57.78           | 58           |      | 10         | 105  |
| Q1123-01MSD   | BU-03-1172025MS | BF141233.D | 2-Fluorophenol       | 150            | 96.51           | 64           |      | 18         | 112  |
|               |                 |            | Phenol-d6            | 150            | 95.69           | 64           |      | 15         | 107  |
|               |                 |            | Nitrobenzene-d5      | 100            | 69.18           | 69           |      | 18         | 107  |
|               |                 |            | 2-Fluorobiphenyl     | 100            | 72.23           | 72           |      | 20         | 109  |
|               |                 |            | 2,4,6-Tribromophenol | 150            | 103.79          | 69           |      | 10         | 116  |
|               |                 |            | Terphenyl-d14        | 100            | 58.66           | 59           |      | 10         | 105  |
| Q1132-01      | HD-1-011725     | BF141234.D | 2-Fluorophenol       | 150            | 75.91           | 51           |      | 18         | 112  |
|               |                 |            | Phenol-d6            | 150            | 74.12           | 49           |      | 15         | 107  |
|               |                 |            | Nitrobenzene-d5      | 100            | 54.01           | 54           |      | 18         | 107  |
|               |                 |            | 2-Fluorobiphenyl     | 100            | 56.73           | 57           |      | 20         | 109  |
|               |                 |            | 2,4,6-Tribromophenol | 150            | 72.70           | 48           |      | 10         | 116  |
|               |                 |            | Terphenyl-d14        | 100            | 41.08           | 41           |      | 10         | 105  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF012125

Lab Code: CHEM

SAS No.: BF012125

SDG NO.: BF012125

Lab File ID: BF141227.D

DFTPP Injection Date: 01/21/2025

Instrument ID: BNA\_F

DFTPP Injection Time: 11:18

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 36.7                 |
| 68  | Less than 2.0% of mass 69          | 0.2 ( 0.6 ) 1        |
| 69  | Mass 69 relative abundance         | 36.8                 |
| 70  | Less than 2.0% of mass 69          | 0.3 ( 0.7 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 47.9                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.9                  |
| 275 | 10.0 - 60.0% of mass 198           | 28.3                 |
| 365 | Greater than 1% of mass 198        | 3.5                  |
| 441 | Present, but less than mass 443    | 14.4                 |
| 442 | Greater than 50% of mass 198       | 95                   |
| 443 | 15.0 - 24.0% of mass 442           | 18.4 ( 19.4 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040        | SSTDCCC040       | BF141228.D     | 01/21/2025       | 11:44            |
| PB166129BL        | PB166129BL       | BF141229.D     | 01/21/2025       | 12:10            |
| PB166129BS        | PB166129BS       | BF141230.D     | 01/21/2025       | 12:37            |
| BU-03-1172025     | Q1123-01         | BF141231.D     | 01/21/2025       | 13:09            |
| BU-03-1172025MS   | Q1123-01MS       | BF141232.D     | 01/21/2025       | 13:36            |
| BU-03-1172025MSD  | Q1123-01MSD      | BF141233.D     | 01/21/2025       | 14:02            |
| HD-1-011725       | Q1132-01         | BF141234.D     | 01/21/2025       | 14:28            |