

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BM081324 SAS No.: BM081324 SDG No.: BM081324  
Instrument ID: BNA\_M Calibration Date/Time: 8/13/2024 1:08:45  
Lab File ID: BM047167.D Init. Calib. Date(s): \_\_\_\_\_  
EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): \_\_\_\_\_  
GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                    | RRF   | RRF040 | MIN RRF | %D      | MAX%D |
|-----------------------------|-------|--------|---------|---------|-------|
| n-Nitrosodimethylamine      | 0.594 | 0.614  |         | 3.367   |       |
| Pyridine                    | 1.360 | 1.182  |         | -13.088 |       |
| 2-Fluorophenol              | 1.119 | 1.082  |         | -3.307  |       |
| Benzaldehyde                | 0.904 | 0.750  |         | -17.035 |       |
| Aniline                     | 1.458 | 1.542  |         | 5.761   |       |
| Phenol-d6                   | 1.542 | 1.522  |         | -1.297  |       |
| Phenol                      | 1.539 | 1.482  |         | -3.704  | 20.0  |
| bis(2-Chloroethyl)ether     | 1.318 | 1.370  |         | 3.945   |       |
| 2-Chlorophenol              | 1.221 | 1.245  |         | 1.966   |       |
| 1,2-Dichlorobenzene         | 1.386 | 1.355  |         | -2.237  |       |
| 1,3-Dichlorobenzene         | 1.451 | 1.430  |         | -1.447  |       |
| 1,4-Dichlorobenzene         | 1.469 | 1.452  |         | -1.157  | 20.0  |
| Benzyl Alcohol              | 1.098 | 1.145  |         | 4.281   |       |
| 2-Methylphenol              | 1.027 | 1.081  |         | 5.258   |       |
| 2,2-oxybis(1-Chloropropane) | 1.691 | 1.832  |         | 8.338   |       |
| Acetophenone                | 0.483 | 0.441  |         | -8.696  |       |
| 3+4-Methylphenols           | 1.435 | 1.532  |         | 6.76    |       |
| n-Nitroso-di-n-propylamine  | 1.039 | 1.068  | 0.050   | 2.791   |       |
| Nitrobenzene-d5             | 0.397 | 0.386  |         | -2.771  |       |
| Hexachloroethane            | 0.569 | 0.603  |         | 5.975   |       |
| Nitrobenzene                | 0.400 | 0.403  |         | 0.75    |       |
| Isophorone                  | 0.692 | 0.683  |         | -1.301  |       |
| 2-Nitrophenol               | 0.177 | 0.174  |         | -1.695  | 20.0  |
| 2,4-Dimethylphenol          | 0.207 | 0.206  |         | -0.483  |       |
| bis(2-Chloroethoxy)methane  | 0.435 | 0.441  |         | 1.379   |       |
| 2,4-Dichlorophenol          | 0.308 | 0.303  |         | -1.623  | 20.0  |
| 1,2,4-Trichlorobenzene      | 0.348 | 0.332  |         | -4.598  |       |
| Benzoic acid                | 0.241 | 0.251  |         | 4.149   |       |
| Naphthalene                 | 0.996 | 0.957  |         | -3.916  |       |
| 4-Chloroaniline             | 0.383 | 0.398  |         | 3.916   |       |
| Hexachlorobutadiene         | 0.204 | 0.186  |         | -8.824  | 20.0  |
| Caprolactam                 | 0.107 | 0.110  |         | 2.804   |       |
| 4-Chloro-3-methylphenol     | 0.328 | 0.342  |         | 4.268   | 20.0  |
| 2-Methylnaphthalene         | 0.709 | 0.700  |         | -1.269  |       |
| Hexachlorocyclopentadiene   | 0.190 | 0.178  | 0.050   | -6.316  |       |
| 2,4,6-Trichlorophenol       | 0.388 | 0.362  |         | -6.701  | 20.0  |
| 2-Fluorobiphenyl            | 1.297 | 1.204  |         | -7.17   |       |
| 2,4,5-Trichlorophenol       | 0.430 | 0.406  |         | -5.581  |       |
| 1,1-Biphenyl                | 1.424 | 1.336  |         | -6.18   |       |

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

Lab Code: CHEM Case No.: BM081324 SAS No.: BM081324 SDG No.: BM081324

Instrument ID: BNA\_M Calibration Date/Time: 8/13/2024 1:08:45

Lab File ID: BM047167.D Init. Calib. Date(s): \_\_\_\_\_

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

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

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D     | MAX%D |
|----------------------------|-------|--------|------------|--------|-------|
| 2-Chloronaphthalene        | 1.113 | 1.035  |            | -7.008 |       |
| 2-Nitroaniline             | 0.349 | 0.373  |            | 6.877  |       |
| Dimethylphthalate          | 1.397 | 1.371  |            | -1.861 |       |
| Acenaphthylene             | 1.640 | 1.586  |            | -3.293 |       |
| 2,6-Dinitrotoluene         | 0.327 | 0.327  |            | 0.0    |       |
| 3-Nitroaniline             | 0.327 | 0.340  |            | 3.976  |       |
| Acenaphthene               | 1.041 | 1.012  |            | -2.786 | 20.0  |
| 2,4-Dinitrophenol          | 0.196 | 0.193  | 0.050      | -1.531 |       |
| 4-Nitrophenol              | 0.282 | 0.296  | 0.050      | 4.965  |       |
| Dibenzofuran               | 1.644 | 1.581  |            | -3.832 |       |
| 2,4-Dinitrotoluene         | 0.436 | 0.450  |            | 3.211  |       |
| Diethylphthalate           | 1.426 | 1.451  |            | 1.753  |       |
| 4-Chlorophenyl-phenylether | 0.646 | 0.623  |            | -3.56  |       |
| Fluorene                   | 1.356 | 1.360  |            | 0.295  |       |
| 4-Nitroaniline             | 0.322 | 0.339  |            | 5.28   |       |
| 4,6-Dinitro-2-methylphenol | 0.117 | 0.118  |            | 0.855  |       |
| n-Nitrosodiphenylamine     | 0.545 | 0.522  |            | -4.22  | 20.0  |
| Azobenzene                 | 1.352 | 1.422  |            | 5.178  |       |
| 2,4,6-Tribromophenol       | 0.232 | 0.232  |            | 0.0    |       |
| 4-Bromophenyl-phenylether  | 0.193 | 0.178  |            | -7.772 |       |
| Hexachlorobenzene          | 0.231 | 0.218  |            | -5.628 |       |
| Atrazine                   | 0.164 | 0.155  |            | -5.488 |       |
| Pentachlorophenol          | 0.162 | 0.158  |            | -2.469 | 20.0  |
| Phenanthrene               | 1.004 | 0.986  |            | -1.793 |       |
| Anthracene                 | 0.977 | 0.964  |            | -1.331 |       |
| Carbazole                  | 0.997 | 0.992  |            | -0.502 |       |
| Di-n-butylphthalate        | 1.160 | 1.179  |            | 1.638  |       |
| Fluoranthene               | 1.221 | 1.213  |            | -0.655 | 20.0  |
| Benzidine                  | 0.339 | 0.598  |            | 76.401 |       |
| Pyrene                     | 1.428 | 1.403  |            | -1.751 |       |
| Terphenyl-d14              | 0.933 | 0.921  |            | -1.286 |       |
| Butylbenzylphthalate       | 0.583 | 0.602  |            | 3.259  |       |
| 3,3-Dichlorobenzidine      | 0.415 | 0.428  |            | 3.133  |       |
| Benzo(a)anthracene         | 1.328 | 1.315  |            | -0.979 |       |
| Chrysene                   | 1.260 | 1.227  |            | -2.619 |       |
| Bis(2-ethylhexyl)phthalate | 0.826 | 0.847  |            | 2.542  |       |
| Di-n-octyl phthalate       | 1.405 | 1.453  |            | 3.416  | 20.0  |
| Benzo(b)fluoranthene       | 1.188 | 1.179  |            | -0.758 |       |
| Benzo(k)fluoranthene       | 1.122 | 1.108  |            | -1.248 |       |

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Instrument ID: BNA\_M Calibration Date/Time: 8/13/2024 1:08:45

Lab File ID: BM047167.D Init. Calib. Date(s): \_\_\_\_\_

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

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

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D      | MAX%D |
|----------------------------|-------|--------|------------|---------|-------|
| Benzo(a)pyrene             | 1.029 | 1.033  |            | 0.389   | 20.0  |
| Indeno(1,2,3-cd)pyrene     | 1.293 | 1.300  |            | 0.541   |       |
| Dibenzo(a,h)anthracene     | 1.046 | 1.051  |            | 0.478   |       |
| Benzo(g,h,i)perylene       | 1.086 | 1.096  |            | 0.921   |       |
| 1,2,4,5-Tetrachlorobenzene | 0.546 | 0.491  |            | -10.073 |       |
| 1,4-Dioxane                | 0.464 | 0.464  |            | 0.0     | 20.0  |
| 2,3,4,6-Tetrachlorophenol  | 0.354 | 0.347  |            | -1.977  |       |
| 1-Methylnaphthalene        | 0.701 | 0.690  |            | -1.569  |       |

All other compounds must meet a minimum RRF of 0.010.

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BM081324 SAS No.: BM081324 SDG No.: BM081324  
Instrument ID: BNA\_M Calibration Date/Time: 8/13/2024 1:14:30  
Lab File ID: BM047174.D Init. Calib. Date(s): \_\_\_\_\_  
EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): \_\_\_\_\_  
GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                    | RRF   | RRF040 | MIN RRF | %D     | MAX%D |
|-----------------------------|-------|--------|---------|--------|-------|
| n-Nitrosodimethylamine      | 0.594 | 0.625  |         | 5.219  | 50.0  |
| Pyridine                    | 1.360 | 1.424  |         | 4.706  | 50.0  |
| 2-Fluorophenol              | 1.119 | 1.121  |         | 0.179  | 50.0  |
| Benzaldehyde                | 0.904 | 0.865  |         | -4.314 | 50.0  |
| Aniline                     | 1.458 | 1.524  |         | 4.527  | 50.0  |
| Phenol-d6                   | 1.542 | 1.565  |         | 1.492  | 50.0  |
| Phenol                      | 1.539 | 1.555  |         | 1.04   | 50.0  |
| bis(2-Chloroethyl)ether     | 1.318 | 1.341  |         | 1.745  | 50.0  |
| 2-Chlorophenol              | 1.221 | 1.235  |         | 1.147  | 50.0  |
| 1,2-Dichlorobenzene         | 1.386 | 1.390  |         | 0.289  | 50.0  |
| 1,3-Dichlorobenzene         | 1.451 | 1.448  |         | -0.207 | 50.0  |
| 1,4-Dichlorobenzene         | 1.469 | 1.458  |         | -0.749 | 50.0  |
| Benzyl Alcohol              | 1.098 | 1.114  |         | 1.457  | 50.0  |
| 2-Methylphenol              | 1.027 | 1.072  |         | 4.382  | 50.0  |
| 2,2-oxybis(1-Chloropropane) | 1.691 | 1.812  |         | 7.156  | 50.0  |
| Acetophenone                | 0.483 | 0.470  |         | -2.692 | 50.0  |
| 3+4-Methylphenols           | 1.435 | 1.507  |         | 5.017  | 50.0  |
| n-Nitroso-di-n-propylamine  | 1.039 | 1.072  | 0.050   | 3.176  | 50.0  |
| Nitrobenzene-d5             | 0.397 | 0.397  |         | 0.0    | 50.0  |
| Hexachloroethane            | 0.569 | 0.565  |         | -0.703 | 50.0  |
| Nitrobenzene                | 0.400 | 0.407  |         | 1.75   | 50.0  |
| Isophorone                  | 0.692 | 0.701  |         | 1.301  | 50.0  |
| 2-Nitrophenol               | 0.177 | 0.172  |         | -2.825 | 50.0  |
| 2,4-Dimethylphenol          | 0.207 | 0.206  |         | -0.483 | 50.0  |
| bis(2-Chloroethoxy)methane  | 0.435 | 0.439  |         | 0.92   | 50.0  |
| 2,4-Dichlorophenol          | 0.308 | 0.307  |         | -0.325 | 50.0  |
| 1,2,4-Trichlorobenzene      | 0.348 | 0.338  |         | -2.874 | 50.0  |
| Benzoic acid                | 0.241 | 0.243  |         | 0.83   | 50.0  |
| Naphthalene                 | 0.996 | 0.973  |         | -2.309 | 50.0  |
| 4-Chloroaniline             | 0.383 | 0.391  |         | 2.089  | 50.0  |
| Hexachlorobutadiene         | 0.204 | 0.192  |         | -5.882 | 50.0  |
| Caprolactam                 | 0.107 | 0.110  |         | 2.804  | 50.0  |
| 4-Chloro-3-methylphenol     | 0.328 | 0.333  |         | 1.524  | 50.0  |
| 2-Methylnaphthalene         | 0.709 | 0.698  |         | -1.551 | 50.0  |
| Hexachlorocyclopentadiene   | 0.190 | 0.181  | 0.050   | -4.737 | 50.0  |
| 2,4,6-Trichlorophenol       | 0.388 | 0.374  |         | -3.608 | 50.0  |
| 2-Fluorobiphenyl            | 1.297 | 1.242  |         | -4.241 | 50.0  |
| 2,4,5-Trichlorophenol       | 0.430 | 0.418  |         | -2.791 | 50.0  |
| 1,1-Biphenyl                | 1.424 | 1.372  |         | -3.652 | 50.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BM081324 SAS No.: BM081324 SDG No.: BM081324

Instrument ID: BNA\_M Calibration Date/Time: 8/13/2024 1:14:30

Lab File ID: BM047174.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                   | RRF   | RRF040 | MIN RRF | %D     | MAX%D |
|----------------------------|-------|--------|---------|--------|-------|
| 2-Chloronaphthalene        | 1.113 | 1.075  |         | -3.414 | 50.0  |
| 2-Nitroaniline             | 0.349 | 0.364  |         | 4.298  | 50.0  |
| Dimethylphthalate          | 1.397 | 1.371  |         | -1.861 | 50.0  |
| Acenaphthylene             | 1.640 | 1.610  |         | -1.829 | 50.0  |
| 2,6-Dinitrotoluene         | 0.327 | 0.326  |         | -0.306 | 50.0  |
| 3-Nitroaniline             | 0.327 | 0.334  |         | 2.141  | 50.0  |
| Acenaphthene               | 1.041 | 1.009  |         | -3.074 | 50.0  |
| 2,4-Dinitrophenol          | 0.196 | 0.183  | 0.050   | -6.633 | 50.0  |
| 4-Nitrophenol              | 0.282 | 0.290  | 0.050   | 2.837  | 50.0  |
| Dibenzofuran               | 1.644 | 1.602  |         | -2.555 | 50.0  |
| 2,4-Dinitrotoluene         | 0.436 | 0.445  |         | 2.064  | 50.0  |
| Diethylphthalate           | 1.426 | 1.404  |         | -1.543 | 50.0  |
| 4-Chlorophenyl-phenylether | 0.646 | 0.620  |         | -4.025 | 50.0  |
| Fluorene                   | 1.356 | 1.329  |         | -1.991 | 50.0  |
| 4-Nitroaniline             | 0.322 | 0.329  |         | 2.174  | 50.0  |
| 4,6-Dinitro-2-methylphenol | 0.117 | 0.119  |         | 1.709  | 50.0  |
| n-Nitrosodiphenylamine     | 0.545 | 0.533  |         | -2.202 | 50.0  |
| Azobenzene                 | 1.352 | 1.372  |         | 1.479  | 50.0  |
| 2,4,6-Tribromophenol       | 0.232 | 0.230  |         | -0.862 | 50.0  |
| 4-Bromophenyl-phenylether  | 0.193 | 0.182  |         | -5.699 | 50.0  |
| Hexachlorobenzene          | 0.231 | 0.223  |         | -3.463 | 50.0  |
| Atrazine                   | 0.164 | 0.150  |         | -8.537 | 50.0  |
| Pentachlorophenol          | 0.162 | 0.158  |         | -2.469 | 50.0  |
| Phenanthrene               | 1.004 | 0.977  |         | -2.689 | 50.0  |
| Anthracene                 | 0.977 | 0.958  |         | -1.945 | 50.0  |
| Carbazole                  | 0.997 | 0.988  |         | -0.903 | 50.0  |
| Di-n-butylphthalate        | 1.160 | 1.140  |         | -1.724 | 50.0  |
| Fluoranthene               | 1.221 | 1.192  |         | -2.375 | 50.0  |
| Benzidine                  | 0.339 | 0.556  |         | 64.012 | 50.0  |
| Pyrene                     | 1.428 | 1.395  |         | -2.311 | 50.0  |
| Terphenyl-d14              | 0.933 | 0.924  |         | -0.965 | 50.0  |
| Butylbenzylphthalate       | 0.583 | 0.588  |         | 0.858  | 50.0  |
| 3,3-Dichlorobenzidine      | 0.415 | 0.441  |         | 6.265  | 50.0  |
| Benzo(a)anthracene         | 1.328 | 1.320  |         | -0.602 | 50.0  |
| Chrysene                   | 1.260 | 1.238  |         | -1.746 | 50.0  |
| Bis(2-ethylhexyl)phthalate | 0.826 | 0.846  |         | 2.421  | 50.0  |
| Di-n-octyl phthalate       | 1.405 | 1.428  |         | 1.637  | 50.0  |
| Benzo(b)fluoranthene       | 1.188 | 1.170  |         | -1.515 | 50.0  |
| Benzo(k)fluoranthene       | 1.122 | 1.104  |         | -1.604 | 50.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BM081324 SAS No.: BM081324 SDG No.: BM081324

Instrument ID: BNA\_M Calibration Date/Time: 8/13/2024 1:14:30

Lab File ID: BM047174.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D     | MAX%D |
|----------------------------|-------|--------|------------|--------|-------|
| Benzo(a)pyrene             | 1.029 | 1.031  |            | 0.194  | 50.0  |
| Indeno(1,2,3-cd)pyrene     | 1.293 | 1.351  |            | 4.486  | 50.0  |
| Dibenzo(a,h)anthracene     | 1.046 | 1.095  |            | 4.685  | 50.0  |
| Benzo(g,h,i)perylene       | 1.086 | 1.153  |            | 6.169  | 50.0  |
| 1,2,4,5-Tetrachlorobenzene | 0.546 | 0.519  |            | -4.945 | 50.0  |
| 1,4-Dioxane                | 0.464 | 0.457  |            | -1.509 | 50.0  |
| 2,3,4,6-Tetrachlorophenol  | 0.354 | 0.347  |            | -1.977 | 50.0  |
| 1-Methylnaphthalene        | 0.701 | 0.687  |            | -1.997 | 50.0  |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |            |                 |                      |
|--------------------|------------|-----------------|----------------------|
| Client:            |            | Date Collected: | 8/7/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 8/7/2024 12:00:00 AM |
| Client Sample ID:  | PB162549BL | SDG No.:        | BM081324             |
| Lab Sample ID:     | PB162549BL | Matrix:         | Solid                |
| Analytical Method: | 8270E      | % Moisture:     | 0                    |
| Sample Wt/Vol:     | 30.03      | 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 |
| BM047168.D        | 1         | 8/7/2024 12:00:00 AM | 8/13/2024 12:00:00 AM | PB162549      |

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

## Report of Analysis

|                    |            |                 |                      |
|--------------------|------------|-----------------|----------------------|
| Client:            |            | Date Collected: | 8/7/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 8/7/2024 12:00:00 AM |
| Client Sample ID:  | PB162549BL | SDG No.:        | BM081324             |
| Lab Sample ID:     | PB162549BL | Matrix:         | Solid                |
| Analytical Method: | 8270E      | % Moisture:     | 0                    |
| Sample Wt/Vol:     | 30.03      | 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 |
| BM047168.D        | 1         | 8/7/2024 12:00:00 AM | 8/13/2024 12:00:00 AM | PB162549      |

| CAS Number | Parameter                                       | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|--------|-----------|--------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 86.7   | U         | 86.7   | 270 | 330        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 77.4   | U         | 77.4   | 130 | 170        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 82.4   | U         | 82.4   | 130 | 170        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 160    | U         | 160    | 270 | 330        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 71.3   | U         | 71.3   | 130 | 170        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 73.9   | U         | 73.9   | 130 | 170        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 87.3   | U         | 87.3   | 130 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 83.2   | U         | 83.2   | 130 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 94.9   | U         | 94.9   | 130 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 81.6   | U         | 81.6   | 130 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 86.4   | U         | 86.4   | 130 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 83.1   | U         | 83.1   | 130 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 89.1   | U         | 89.1   | 130 | 170        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 81     | U         | 81     | 130 | 170        | ug/Kg |
| Total PAH  | Total PAH                                       | 1323.5 | U         | 1323.5 | 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                                    | 84.3   | U         | 84.3   | 130 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 86.1   | U         | 86.1   | 130 | 170        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 169.2  | U         | 169.2  | 130 | 340        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 80     | U         | 80     | 130 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 85.5   | U         | 85.5   | 130 | 170        | ug/Kg |
| 86-73-7    | Fluorene                                        | 85.4   | U         | 85.4   | 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                          | 81.5   | U         | 81.5   | 130 | 170        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 79.5   | U         | 79.5   | 130 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 78.8   | U         | 78.8   | 130 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 84.9   | U         | 84.9   | 130 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 91.3   | U         | 91.3   | 130 | 170        | ug/Kg |



|                    |              |        |    |                 |                      |    |
|--------------------|--------------|--------|----|-----------------|----------------------|----|
| Client:            |              |        |    | Date Collected: | 8/7/2024 12:00:00 AM |    |
| Project:           |              |        |    | Date Received:  | 8/7/2024 12:00:00 AM |    |
| Client Sample ID:  | PB162549BL   |        |    | SDG No.:        | BM081324             |    |
| Lab Sample ID:     | PB162549BL   |        |    | 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 |
|-------------------|-----------|----------------------|-----------------------|---------------|
| BM047168.D        | 1         | 8/7/2024 12:00:00 AM | 8/13/2024 12:00:00 AM | PB162549      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 77.2    | U         | 77.2   | 270 | 330        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 83.9    | U         | 83.9   | 130 | 170        | ug/Kg     |
| 120-12-7          | Anthracene                 | 84.3    | U         | 84.3   | 130 | 170        | ug/Kg     |
| 86-74-8           | Carbazole                  | 80.2    | U         | 80.2   | 130 | 170        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 84.2    | U         | 84.2   | 130 | 170        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 81.6    | U         | 81.6   | 130 | 170        | ug/Kg     |
| 92-87-5           | Benzidine                  | 160     | U         | 160    | 270 | 330        | ug/Kg     |
| 129-00-0          | Pyrene                     | 82.9    | U         | 82.9   | 130 | 170        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 96.7    | U         | 96.7   | 130 | 170        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 98.5    | U         | 98.5   | 270 | 330        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 80.6    | U         | 80.6   | 130 | 170        | ug/Kg     |
| 218-01-9          | Chrysene                   | 79.4    | U         | 79.4   | 130 | 170        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 90.9    | U         | 90.9   | 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      | U         | 81     | 130 | 170        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 82.5    | U         | 82.5   | 130 | 170        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 92.9    | U         | 92.9   | 130 | 170        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 78      | U         | 78     | 130 | 170        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 81.1    | U         | 81.1   | 130 | 170        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 80      | U         | 80     | 130 | 170        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 86.7    | U         | 86.7   | 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  | 74.6    | U         | 74.6   | 130 | 170        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 83.1    | U         | 83.1   | 170 | 170        | ug/Kg     |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 150.261 |           | 18-112 |     | 100        | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 140.13  |           | 15-107 |     | 93         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 95.032  |           | 18-107 |     | 95         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 93.497  |           | 20-109 |     | 93         | SPK: -100 |

## Report of Analysis

|                    |                     |                 |                      |
|--------------------|---------------------|-----------------|----------------------|
| Client:            |                     | Date Collected: | 8/7/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 8/7/2024 12:00:00 AM |
| Client Sample ID:  | PB162549BL          | SDG No.:        | BM081324             |
| Lab Sample ID:     | PB162549BL          | 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 |
| BM047168.D        | 1         | 8/7/2024 12:00:00 AM | 8/13/2024 12:00:00 AM | PB162549      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 142.848 |           | 10-116 |     | 95         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 115.213 | *         | 10-105 |     | 115        | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 221837  | 7.375     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 827896  | 10.128    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 537882  | 14.027    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 1130296 | 16.786    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 940749  | 21.027    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 990210  | 23.721    |        |     |            |           |

## Report of Analysis

|                    |            |                 |                      |
|--------------------|------------|-----------------|----------------------|
| Client:            |            | Date Collected: | 8/7/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 8/7/2024 12:00:00 AM |
| Client Sample ID:  | PB162553BL | SDG No.:        | BM081324             |
| Lab Sample ID:     | PB162553BL | Matrix:         | Water                |
| Analytical Method: | 8270E      | % Moisture:     | 100                  |
| Sample Wt/Vol:     | 1000       | Units:          | mL                   |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL              |
| Extraction Type :  |            | Test:           |                      |
|                    | Decanted : | Level :         | LOW                  |
| Injection Volume : |            | GPC Factor :    |                      |
|                    |            | GPC Cleanup :   | PH :                 |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM047169.D        | 1         | 8/7/2024 12:00:00 AM | 8/13/2024 12:00:00 AM | PB162553      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 1     | U         | 1    | 8   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.6   | U         | 1.6  | 4   | 5          | ug/L  |
| 100-52-7       | Benzaldehyde                | 4     | U         | 4    | 8   | 10         | ug/L  |
| 62-53-3        | Aniline                     | 1.6   | U         | 1.6  | 4   | 5          | ug/L  |
| 108-95-2       | Phenol                      | 0.93  | U         | 0.93 | 4   | 5          | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1.2   | U         | 1.2  | 4   | 5          | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 0.71  | U         | 0.71 | 4   | 5          | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 0.88  | U         | 0.88 | 4   | 5          | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 0.8   | U         | 0.8  | 4   | 5          | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 0.84  | U         | 0.84 | 4   | 5          | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 1.6   | U         | 1.6  | 8   | 10         | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 4   | 5          | ug/L  |
| 98-86-2        | Acetophenone                | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 1.2   | U         | 1.2  | 8   | 10         | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 2.5        | ug/L  |
| 67-72-1        | Hexachloroethane            | 1     | U         | 1    | 4   | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.3   | U         | 1.3  | 4   | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 2     | U         | 2    | 4   | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.5   | U         | 1.5  | 4   | 5          | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1     | U         | 1    | 4   | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.88  | U         | 0.88 | 4   | 5          | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 65-85-0        | Benzoic acid                | 5.5   | U         | 5.5  | 8   | 10         | ug/L  |
| 91-20-3        | Naphthalene                 | 1     | U         | 1    | 4   | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.3   | U         | 1.3  | 4   | 5          | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.3   | U         | 1.3  | 4   | 5          | ug/L  |

## Report of Analysis

|                    |            |                 |                      |
|--------------------|------------|-----------------|----------------------|
| Client:            |            | Date Collected: | 8/7/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 8/7/2024 12:00:00 AM |
| Client Sample ID:  | PB162553BL | SDG No.:        | BM081324             |
| Lab Sample ID:     | PB162553BL | Matrix:         | Water                |
| Analytical Method: | 8270E      | % Moisture:     | 100                  |
| Sample Wt/Vol:     | 1000       | Units:          | mL                   |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000                 |
|                    |            |                 | uL                   |
| Extraction Type :  |            | Test:           |                      |
|                    | Decanted : | Level :         | LOW                  |
| Injection Volume : |            | GPC Factor :    |                      |
|                    |            | GPC Cleanup :   | PH :                 |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM047169.D        | 1         | 8/7/2024 12:00:00 AM | 8/13/2024 12:00:00 AM | PB162553      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 1.7   | U         | 1.7   | 8   | 10         | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 0.84  | U         | 0.84  | 4   | 5          | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 1.1   | U         | 1.1   | 4   | 5          | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 5     | U         | 5     | 8   | 10         | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 0.89  | U         | 0.89  | 4   | 5          | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 1     | U         | 1     | 4   | 5          | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 0.91  | U         | 0.91  | 4   | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 0.97  | U         | 0.97  | 4   | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 1.4   | U         | 1.4   | 4   | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 0.93  | U         | 0.93  | 4   | 5          | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 1     | U         | 1     | 4   | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 1.2   | U         | 1.2   | 4   | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 1.4   | U         | 1.4   | 4   | 5          | ug/L  |
| 83-32-9    | Acenaphthene                                    | 0.81  | U         | 0.81  | 4   | 5          | ug/L  |
| Total PAH  | Total PAH                                       | 17.36 | U         | 17.36 | 4   | 80         | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 6.4   | U         | 6.4   | 8   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 2     | U         | 2     | 8   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 0.93  | U         | 0.93  | 4   | 5          | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 2.7   | U         | 2.7   | 4   | 10         | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 1.5   | U         | 1.5   | 4   | 5          | ug/L  |
| 84-66-2    | Diethylphthalate                                | 1     | U         | 1     | 4   | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 0.98  | U         | 0.98  | 4   | 5          | ug/L  |
| 86-73-7    | Fluorene                                        | 0.96  | U         | 0.96  | 4   | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 2     | U         | 2     | 4   | 5          | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 3.1   | U         | 3.1   | 8   | 10         | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 0.89  | U         | 0.89  | 4   | 5          | ug/L  |
| 103-33-3   | Azobenzene                                      | 1.2   | U         | 1.2   | 4   | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 0.95  | U         | 0.95  | 4   | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 1.1   | U         | 1.1   | 4   | 5          | ug/L  |
| 1912-24-9  | Atrazine                                        | 1.3   | U         | 1.3   | 4   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                      |
|--------------------|------------------------|-----------------|----------------------|
| Client:            |                        | Date Collected: | 8/7/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/7/2024 12:00:00 AM |
| Client Sample ID:  | PB162553BL             | SDG No.:        | BM081324             |
| Lab Sample ID:     | PB162553BL             | Matrix:         | Water                |
| Analytical Method: | 8270E                  | % Moisture:     | 100                  |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL         |
| Soil Aliquot Vol:  | uL                     | Test:           |                      |
| Extraction Type :  | Decanted :             | Level :         | LOW                  |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                 |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM047169.D        | 1         | 8/7/2024 12:00:00 AM | 8/13/2024 12:00:00 AM | PB162553      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 1.9     | U         | 1.9    | 8   | 10         | ug/L      |
| 85-01-8           | Phenanthrene               | 0.89    | U         | 0.89   | 4   | 5          | ug/L      |
| 120-12-7          | Anthracene                 | 1.1     | U         | 1.1    | 4   | 5          | ug/L      |
| 86-74-8           | Carbazole                  | 1.2     | U         | 1.2    | 4   | 5          | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 1.5     | U         | 1.5    | 4   | 5          | ug/L      |
| 206-44-0          | Fluoranthene               | 1.3     | U         | 1.3    | 4   | 5          | ug/L      |
| 92-87-5           | Benzidine                  | 4.1     | U         | 4.1    | 8   | 10         | ug/L      |
| 129-00-0          | Pyrene                     | 1.1     | U         | 1.1    | 4   | 5          | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 2.1     | U         | 2.1    | 4   | 5          | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 1.3     | U         | 1.3    | 8   | 10         | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 0.94    | U         | 0.94   | 4   | 5          | ug/L      |
| 218-01-9          | Chrysene                   | 0.86    | U         | 0.86   | 4   | 5          | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 1.9     | U         | 1.9    | 4   | 5          | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 2.5     | U         | 2.5    | 8   | 10         | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 1.1     | U         | 1.1    | 4   | 5          | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 1.2     | U         | 1.2    | 4   | 5          | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 1.7     | U         | 1.7    | 4   | 5          | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 1       | U         | 1      | 4   | 5          | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 1.2     | U         | 1.2    | 4   | 5          | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 1.2     | U         | 1.2    | 4   | 5          | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 1.1     | U         | 1.1    | 4   | 5          | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 1.3     | U         | 1.3    | 4   | 5          | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 0.79    | U         | 0.79   | 4   | 5          | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 0.86    | U         | 0.86   | 4   | 5          | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 108.841 |           | 10-139 |     | 73         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 103.813 |           | 10-134 |     | 69         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 66.963  |           | 49-133 |     | 67         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 62.056  |           | 52-132 |     | 62         | SPK: -100 |

## Report of Analysis

|                    |                        |                 |                      |
|--------------------|------------------------|-----------------|----------------------|
| Client:            |                        | Date Collected: | 8/7/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/7/2024 12:00:00 AM |
| Client Sample ID:  | PB162553BL             | SDG No.:        | BM081324             |
| Lab Sample ID:     | PB162553BL             | Matrix:         | Water                |
| Analytical Method: | 8270E                  | % Moisture:     | 100                  |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL         |
| Soil Aliquot Vol:  | uL                     | Test:           |                      |
| Extraction Type :  | Decanted :             | Level :         | LOW                  |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                 |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM047169.D        | 1         | 8/7/2024 12:00:00 AM | 8/13/2024 12:00:00 AM | PB162553      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 91.788  |           | 44-137 |     | 61         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 75.837  |           | 48-125 |     | 76         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 266916  | 7.369     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 1056409 | 10.128    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 676276  | 14.027    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 1387815 | 16.792    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 1122401 | 21.027    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 1330346 | 23.721    |        |     |            |           |

## Report of Analysis

|                    |                      |                 |                       |
|--------------------|----------------------|-----------------|-----------------------|
| Client:            |                      | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                      | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | MDL-SOIL-03-QT3-2024 | SDG No.:        | BM081324              |
| Lab Sample ID:     | P3390-03             | Matrix:         | Solid                 |
| Analytical Method: | 8270E                | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.01                | 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 |
| BM047170.D        | 1         | 8/7/2024 12:00:00 AM | 8/13/2024 12:00:00 AM | PB162549      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 140   | J         | 86.8 | 270 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 130   | J         | 79.9 | 130 | 170        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 180   | U         | 180  | 270 | 330        | ug/Kg |
| 62-53-3        | Aniline                     | 170   |           | 96.9 | 130 | 170        | ug/Kg |
| 108-95-2       | Phenol                      | 140   | J         | 82.9 | 130 | 170        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 150   | J         | 83.7 | 130 | 170        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 150   | J         | 83.5 | 130 | 170        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 140   | J         | 84.6 | 130 | 170        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 140   | J         | 86   | 130 | 170        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 140   | J         | 86.5 | 130 | 170        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 130   | J         | 83   | 270 | 330        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 140   | J         | 80.6 | 130 | 170        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 160   | J         | 90.9 | 130 | 170        | ug/Kg |
| 98-86-2        | Acetophenone                | 150   | J         | 86.9 | 130 | 170        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 130   | J         | 79.8 | 270 | 330        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 160   |           | 40.3 | 80  | 80         | ug/Kg |
| 67-72-1        | Hexachloroethane            | 140   | J         | 83   | 130 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 140   | J         | 90.8 | 130 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 140   | J         | 84.6 | 130 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 100   | J         | 94.5 | 130 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 120   | J         | 93.2 | 130 | 170        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 140   | J         | 85.8 | 130 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 110   | J         | 75.5 | 130 | 170        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 120   | J         | 85.4 | 130 | 170        | ug/Kg |
| 65-85-0        | Benzoic acid                | 240   | U         | 240  | 270 | 330        | ug/Kg |
| 91-20-3        | Naphthalene                 | 140   | J         | 82.6 | 130 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 140   | J         | 82.6 | 130 | 170        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 110   | J         | 83.3 | 130 | 170        | ug/Kg |

## Report of Analysis

|                    |                      |                 |                       |
|--------------------|----------------------|-----------------|-----------------------|
| Client:            |                      | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                      | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | MDL-SOIL-03-QT3-2024 | SDG No.:        | BM081324              |
| Lab Sample ID:     | P3390-03             | 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 |
| BM047170.D        | 1         | 8/7/2024 12:00:00 AM | 8/13/2024 12:00:00 AM | PB162549      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|--------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 110   | J         | 86.8   | 270 | 330        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 120   | J         | 77.5   | 130 | 170        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 130   | J         | 82.5   | 130 | 170        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 160   | U         | 160    | 270 | 330        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 110   | J         | 71.4   | 130 | 170        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 100   | J         | 74     | 130 | 170        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 150   | J         | 87.4   | 130 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 140   | J         | 83.3   | 130 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 120   | J         | 95     | 130 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 140   | J         | 81.7   | 130 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 150   | J         | 86.5   | 130 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 110   | J         | 83.2   | 130 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 110   | J         | 89.2   | 130 | 170        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 140   | J         | 81.1   | 130 | 170        | ug/Kg |
| Total PAH  | Total PAH                                       | 2130  | J         | 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                                    | 150   | J         | 84.4   | 130 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 110   | J         | 86.2   | 130 | 170        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 220   | J         | 169.4  | 130 | 340        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 130   | J         | 80.1   | 130 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 140   | J         | 85.6   | 130 | 170        | ug/Kg |
| 86-73-7    | Fluorene                                        | 140   | J         | 85.5   | 130 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 110   | J         | 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                          | 130   | J         | 81.6   | 130 | 170        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 150   | J         | 79.6   | 130 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 120   | J         | 78.9   | 130 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 130   | J         | 85     | 130 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 140   | J         | 91.4   | 130 | 170        | ug/Kg |



|                    |                      |        |    |                 |                       |    |
|--------------------|----------------------|--------|----|-----------------|-----------------------|----|
| Client:            |                      |        |    | Date Collected: | 7/29/2024 12:00:00 AM |    |
| Project:           |                      |        |    | Date Received:  | 7/29/2024 12:00:00 AM |    |
| Client Sample ID:  | MDL-SOIL-03-QT3-2024 |        |    | SDG No.:        | BM081324              |    |
| Lab Sample ID:     | P3390-03             |        |    | 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 |
|-------------------|-----------|----------------------|-----------------------|---------------|
| BM047170.D        | 1         | 8/7/2024 12:00:00 AM | 8/13/2024 12:00:00 AM | PB162549      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 86.6    | J         | 77.3   | 270 | 330        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 150     | J         | 84     | 130 | 170        | ug/Kg     |
| 120-12-7          | Anthracene                 | 140     | J         | 84.4   | 130 | 170        | ug/Kg     |
| 86-74-8           | Carbazole                  | 130     | J         | 80.3   | 130 | 170        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 120     | J         | 84.3   | 130 | 170        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 120     | J         | 81.7   | 130 | 170        | ug/Kg     |
| 92-87-5           | Benzidine                  | 160     | U         | 160    | 270 | 330        | ug/Kg     |
| 129-00-0          | Pyrene                     | 120     | J         | 83     | 130 | 170        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 110     | J         | 96.8   | 130 | 170        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 130     | J         | 98.6   | 270 | 330        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 130     | J         | 80.7   | 130 | 170        | ug/Kg     |
| 218-01-9          | Chrysene                   | 130     | J         | 79.5   | 130 | 170        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 110     | J         | 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       | 120     | J         | 81.1   | 130 | 170        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 130     | J         | 82.6   | 130 | 170        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 120     | J         | 93     | 130 | 170        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 130     | J         | 78.1   | 130 | 170        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 140     | J         | 81.2   | 130 | 170        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 130     | J         | 80.1   | 130 | 170        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 120     | J         | 86.8   | 130 | 170        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 160     | J         | 110    | 130 | 170        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 120     | J         | 74.7   | 130 | 170        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 130     | J         | 83.2   | 170 | 170        | ug/Kg     |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 127.867 |           | 18-112 |     | 85         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 126.318 |           | 15-107 |     | 84         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 86.497  |           | 18-107 |     | 86         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 79.975  |           | 20-109 |     | 80         | SPK: -100 |

## Report of Analysis

|                    |                      |                 |                       |
|--------------------|----------------------|-----------------|-----------------------|
| Client:            |                      | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                      | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | MDL-SOIL-03-QT3-2024 | SDG No.:        | BM081324              |
| Lab Sample ID:     | P3390-03             | 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 |
| BM047170.D        | 1         | 8/7/2024 12:00:00 AM | 8/13/2024 12:00:00 AM | PB162549      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 131.056 |           | 10-116 |     | 87         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 84.358  |           | 10-105 |     | 84         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 182499  | 7.369     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 787140  | 10.128    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 510539  | 14.027    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 1115889 | 16.792    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 1090704 | 21.027    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 1358635 | 23.721    |        |     |            |           |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | MDL-WATER-03-QT3-2024 | SDG No.:        | BM081324              |
| Lab Sample ID:     | P3390-09              | Matrix:         | Water                 |
| Analytical Method: | 8270E                 | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000                  | Units:          | mL                    |
| Soil Aliquot Vol:  |                       | Final Vol:      | 1000 uL               |
| Extraction Type :  |                       | Test:           |                       |
|                    | Decanted :            | Level :         | LOW                   |
| Injection Volume : |                       | GPC Factor :    |                       |
|                    |                       | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM047171.D        | 1         | 8/7/2024 12:00:00 AM | 8/13/2024 12:00:00 AM | PB162553      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 4.3   | J         | 1    | 8   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 3.7   | J         | 1.6  | 4   | 5          | ug/L  |
| 100-52-7       | Benzaldehyde                | 4.1   | J         | 4    | 8   | 10         | ug/L  |
| 62-53-3        | Aniline                     | 5     |           | 1.6  | 4   | 5          | ug/L  |
| 108-95-2       | Phenol                      | 4.2   | J         | 0.93 | 4   | 5          | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 4.2   | J         | 1.2  | 4   | 5          | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 4.3   | J         | 0.71 | 4   | 5          | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 4.3   | J         | 0.88 | 4   | 5          | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 4.1   | J         | 0.8  | 4   | 5          | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 4.2   | J         | 0.84 | 4   | 5          | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 3.6   | J         | 1.6  | 8   | 10         | ug/L  |
| 95-48-7        | 2-Methylphenol              | 3.9   | J         | 1.1  | 4   | 5          | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 4.7   | J         | 1.4  | 4   | 5          | ug/L  |
| 98-86-2        | Acetophenone                | 4.5   | J         | 1.1  | 4   | 5          | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 3.9   | J         | 1.2  | 8   | 10         | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 4.2   |           | 1.5  | 2.5 | 2.5        | ug/L  |
| 67-72-1        | Hexachloroethane            | 3.9   | J         | 1    | 4   | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 4.2   | J         | 1.3  | 4   | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 3.9   | J         | 1.1  | 4   | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 3.1   | J         | 2    | 4   | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 3.6   | J         | 1.5  | 4   | 5          | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 4.1   | J         | 1    | 4   | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 3.4   | J         | 0.88 | 4   | 5          | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 3.9   | J         | 1.1  | 4   | 5          | ug/L  |
| 65-85-0        | Benzoic acid                | 5.5   | U         | 5.5  | 8   | 10         | ug/L  |
| 91-20-3        | Naphthalene                 | 4.1   | J         | 1    | 4   | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 4     | J         | 1.3  | 4   | 5          | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 3.6   | J         | 1.3  | 4   | 5          | ug/L  |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | MDL-WATER-03-QT3-2024 | SDG No.:        | BM081324              |
| Lab Sample ID:     | P3390-09              | Matrix:         | Water                 |
| Analytical Method: | 8270E                 | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000                  | Units:          | mL                    |
| Soil Aliquot Vol:  |                       | Final Vol:      | 1000                  |
|                    |                       |                 | uL                    |
| Extraction Type :  |                       | Test:           |                       |
|                    | Decanted :            | Level :         | LOW                   |
| Injection Volume : |                       | GPC Factor :    |                       |
|                    |                       | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM047171.D        | 1         | 8/7/2024 12:00:00 AM | 8/13/2024 12:00:00 AM | PB162553      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 3.1   | J         | 1.7   | 8   | 10         | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 3.4   | J         | 0.84  | 4   | 5          | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 4     | J         | 1.1   | 4   | 5          | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 5     | U         | 5     | 8   | 10         | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 3.3   | J         | 0.89  | 4   | 5          | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 3.1   | J         | 1     | 4   | 5          | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 4.2   | J         | 0.91  | 4   | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 4.1   | J         | 0.97  | 4   | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 3.3   | J         | 1.4   | 4   | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 4     | J         | 0.93  | 4   | 5          | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 4.3   | J         | 1     | 4   | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 3.3   | J         | 1.2   | 4   | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 3.3   | J         | 1.4   | 4   | 5          | ug/L  |
| 83-32-9    | Acenaphthene                                    | 4.1   | J         | 0.81  | 4   | 5          | ug/L  |
| Total PAH  | Total PAH                                       | 63    | J         | 17.36 | 4   | 80         | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 6.4   | U         | 6.4   | 8   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 2.7   | J         | 2     | 8   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 4.3   | J         | 0.93  | 4   | 5          | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 6.5   | J         | 2.7   | 4   | 10         | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 3.2   | J         | 1.5   | 4   | 5          | ug/L  |
| 84-66-2    | Diethylphthalate                                | 3.9   | J         | 1     | 4   | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 4.1   | J         | 0.98  | 4   | 5          | ug/L  |
| 86-73-7    | Fluorene                                        | 4.1   | J         | 0.96  | 4   | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 3.2   | J         | 2     | 4   | 5          | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 3.1   | U         | 3.1   | 8   | 10         | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 4     | J         | 0.89  | 4   | 5          | ug/L  |
| 103-33-3   | Azobenzene                                      | 4.1   | J         | 1.2   | 4   | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 3.5   | J         | 0.95  | 4   | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 3.8   | J         | 1.1   | 4   | 5          | ug/L  |
| 1912-24-9  | Atrazine                                        | 4.1   | J         | 1.3   | 4   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | MDL-WATER-03-QT3-2024  | SDG No.:        | BM081324              |
| Lab Sample ID:     | P3390-09               | Matrix:         | Water                 |
| Analytical Method: | 8270E                  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM047171.D        | 1         | 8/7/2024 12:00:00 AM | 8/13/2024 12:00:00 AM | PB162553      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 2.7     | J         | 1.9    | 8   | 10         | ug/L      |
| 85-01-8           | Phenanthrene               | 4.2     | J         | 0.89   | 4   | 5          | ug/L      |
| 120-12-7          | Anthracene                 | 4       | J         | 1.1    | 4   | 5          | ug/L      |
| 86-74-8           | Carbazole                  | 3.8     | J         | 1.2    | 4   | 5          | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 3.5     | J         | 1.5    | 4   | 5          | ug/L      |
| 206-44-0          | Fluoranthene               | 3.7     | J         | 1.3    | 4   | 5          | ug/L      |
| 92-87-5           | Benzidine                  | 4.4     | J         | 4.1    | 8   | 10         | ug/L      |
| 129-00-0          | Pyrene                     | 3.5     | J         | 1.1    | 4   | 5          | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 3.1     | J         | 2.1    | 4   | 5          | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 3.8     | J         | 1.3    | 8   | 10         | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 3.9     | J         | 0.94   | 4   | 5          | ug/L      |
| 218-01-9          | Chrysene                   | 4       | J         | 0.86   | 4   | 5          | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 3.2     | J         | 1.9    | 4   | 5          | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 2.9     | J         | 2.5    | 8   | 10         | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 3.7     | J         | 1.1    | 4   | 5          | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 3.8     | J         | 1.2    | 4   | 5          | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 3.7     | J         | 1.7    | 4   | 5          | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 3.9     | J         | 1      | 4   | 5          | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 4.1     | J         | 1.2    | 4   | 5          | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 3.9     | J         | 1.2    | 4   | 5          | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 3.8     | J         | 1.1    | 4   | 5          | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 4.8     | J         | 1.3    | 4   | 5          | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 3.5     | J         | 0.79   | 4   | 5          | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 3.9     | J         | 0.86   | 4   | 5          | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 127.906 |           | 10-139 |     | 85         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 127.676 |           | 10-134 |     | 85         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 86.253  |           | 49-133 |     | 86         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 83.005  |           | 52-132 |     | 83         | SPK: -100 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | MDL-WATER-03-QT3-2024  | SDG No.:        | BM081324              |
| Lab Sample ID:     | P3390-09               | Matrix:         | Water                 |
| Analytical Method: | 8270E                  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM047171.D        | 1         | 8/7/2024 12:00:00 AM | 8/13/2024 12:00:00 AM | PB162553      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 131.386 |           | 44-137 |     | 88         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 84.568  |           | 48-125 |     | 85         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 211102  | 7.369     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 881353  | 10.127    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 578630  | 14.027    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 1258334 | 16.786    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 1205514 | 21.027    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 1467419 | 23.715    |        |     |            |           |

## Report of Analysis

|                    |                      |                 |                       |
|--------------------|----------------------|-----------------|-----------------------|
| Client:            |                      | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                      | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | MDL-SOIL-03-QT3-2024 | SDG No.:        | BM081324              |
| Lab Sample ID:     | P3390-03             | Matrix:         | Solid                 |
| Analytical Method: | 8270E                | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.01                | 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 |
| BM047172.D        | 1         | 8/7/2024 12:00:00 AM | 8/13/2024 12:00:00 AM | PB162549      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 280   | J         | 86.8 | 270 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 250   |           | 79.9 | 130 | 170        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 290   | J         | 180  | 270 | 330        | ug/Kg |
| 62-53-3        | Aniline                     | 330   |           | 96.9 | 130 | 170        | ug/Kg |
| 108-95-2       | Phenol                      | 270   |           | 82.9 | 130 | 170        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 280   |           | 83.7 | 130 | 170        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 280   |           | 83.5 | 130 | 170        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 270   |           | 84.6 | 130 | 170        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 270   |           | 86   | 130 | 170        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 270   |           | 86.5 | 130 | 170        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 250   | J         | 83   | 270 | 330        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 260   |           | 80.6 | 130 | 170        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 310   |           | 90.9 | 130 | 170        | ug/Kg |
| 98-86-2        | Acetophenone                | 290   |           | 86.9 | 130 | 170        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 260   | J         | 79.8 | 270 | 330        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 290   |           | 40.3 | 80  | 80         | ug/Kg |
| 67-72-1        | Hexachloroethane            | 270   |           | 83   | 130 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 280   |           | 90.8 | 130 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 270   |           | 84.6 | 130 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 220   |           | 94.5 | 130 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 270   |           | 93.2 | 130 | 170        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 270   |           | 85.8 | 130 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 240   |           | 75.5 | 130 | 170        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 250   |           | 85.4 | 130 | 170        | ug/Kg |
| 65-85-0        | Benzoic acid                | 240   | U         | 240  | 270 | 330        | ug/Kg |
| 91-20-3        | Naphthalene                 | 270   |           | 82.6 | 130 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 280   |           | 82.6 | 130 | 170        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 240   |           | 83.3 | 130 | 170        | ug/Kg |

## Report of Analysis

|                    |                      |                 |                       |
|--------------------|----------------------|-----------------|-----------------------|
| Client:            |                      | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                      | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | MDL-SOIL-03-QT3-2024 | SDG No.:        | BM081324              |
| Lab Sample ID:     | P3390-03             | 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 |
| BM047172.D        | 1         | 8/7/2024 12:00:00 AM | 8/13/2024 12:00:00 AM | PB162549      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|--------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 230   | J         | 86.8   | 270 | 330        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 240   |           | 77.5   | 130 | 170        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 260   |           | 82.5   | 130 | 170        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 260   | J         | 160    | 270 | 330        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 220   |           | 71.4   | 130 | 170        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 230   |           | 74     | 130 | 170        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 270   |           | 87.4   | 130 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 270   |           | 83.3   | 130 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 250   |           | 95     | 130 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 270   |           | 81.7   | 130 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 290   |           | 86.5   | 130 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 230   |           | 83.2   | 130 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 240   |           | 89.2   | 130 | 170        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 260   |           | 81.1   | 130 | 170        | ug/Kg |
| Total PAH  | Total PAH                                       | 4200  |           | 1325.1 | 130 | 2720       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 240   | U         | 240    | 270 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 220   | J         | 120    | 270 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 290   |           | 84.4   | 130 | 170        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 460   |           | 169.4  | 130 | 340        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 230   |           | 86.2   | 130 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 260   |           | 80.1   | 130 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 270   |           | 85.6   | 130 | 170        | ug/Kg |
| 86-73-7    | Fluorene                                        | 280   |           | 85.5   | 130 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 240   |           | 110    | 130 | 170        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 190   | J         | 120    | 270 | 330        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 260   |           | 81.6   | 130 | 170        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 280   |           | 79.6   | 130 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 230   |           | 78.9   | 130 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 240   |           | 85     | 130 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 290   |           | 91.4   | 130 | 170        | ug/Kg |

## Report of Analysis

|                    |                      |                 |                       |
|--------------------|----------------------|-----------------|-----------------------|
| Client:            |                      | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                      | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | MDL-SOIL-03-QT3-2024 | SDG No.:        | BM081324              |
| Lab Sample ID:     | P3390-03             | 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 |
| BM047172.D        | 1         | 8/7/2024 12:00:00 AM | 8/13/2024 12:00:00 AM | PB162549      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 190     | J         | 77.3   | 270 | 330        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 280     |           | 84     | 130 | 170        | ug/Kg     |
| 120-12-7          | Anthracene                 | 270     |           | 84.4   | 130 | 170        | ug/Kg     |
| 86-74-8           | Carbazole                  | 270     |           | 80.3   | 130 | 170        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 240     |           | 84.3   | 130 | 170        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 250     |           | 81.7   | 130 | 170        | ug/Kg     |
| 92-87-5           | Benzidine                  | 340     |           | 160    | 270 | 330        | ug/Kg     |
| 129-00-0          | Pyrene                     | 230     |           | 83     | 130 | 170        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 220     |           | 96.8   | 130 | 170        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 270     | J         | 98.6   | 270 | 330        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 260     |           | 80.7   | 130 | 170        | ug/Kg     |
| 218-01-9          | Chrysene                   | 260     |           | 79.5   | 130 | 170        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 230     |           | 91     | 130 | 170        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 210     | J         | 110    | 270 | 330        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 250     |           | 81.1   | 130 | 170        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 260     |           | 82.6   | 130 | 170        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 250     |           | 93     | 130 | 170        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 270     |           | 78.1   | 130 | 170        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 270     |           | 81.2   | 130 | 170        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 250     |           | 80.1   | 130 | 170        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 250     |           | 86.8   | 130 | 170        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 310     |           | 110    | 130 | 170        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 240     |           | 74.7   | 130 | 170        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 250     |           | 83.2   | 170 | 170        | ug/Kg     |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 128.641 |           | 18-112 |     | 86         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 127.028 |           | 15-107 |     | 85         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 86.981  |           | 18-107 |     | 87         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 81.825  |           | 20-109 |     | 82         | SPK: -100 |

## Report of Analysis

|                    |                      |                 |                       |
|--------------------|----------------------|-----------------|-----------------------|
| Client:            |                      | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                      | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | MDL-SOIL-03-QT3-2024 | SDG No.:        | BM081324              |
| Lab Sample ID:     | P3390-03             | 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 |
| BM047172.D        | 1         | 8/7/2024 12:00:00 AM | 8/13/2024 12:00:00 AM | PB162549      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 130.537 |           | 10-116 |     | 87         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 82.394  |           | 10-105 |     | 82         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 182830  | 7.369     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 757219  | 10.128    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 502487  | 14.027    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 1124226 | 16.792    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 1140950 | 21.027    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 1390446 | 23.721    |        |     |            |           |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | MDL-WATER-03-QT3-2024 | SDG No.:        | BM081324              |
| Lab Sample ID:     | P3390-09              | Matrix:         | Water                 |
| Analytical Method: | 8270E                 | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000                  | Units:          | mL                    |
| Soil Aliquot Vol:  |                       | Final Vol:      | 1000                  |
|                    |                       |                 | uL                    |
| Extraction Type :  |                       | Test:           |                       |
|                    | Decanted :            | Level :         | LOW                   |
| Injection Volume : |                       | GPC Factor :    |                       |
|                    |                       | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM047173.D        | 1         | 8/7/2024 12:00:00 AM | 8/13/2024 12:00:00 AM | PB162553      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 8.4   | J         | 1    | 8   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 7.5   |           | 1.6  | 4   | 5          | ug/L  |
| 100-52-7       | Benzaldehyde                | 8.9   | J         | 4    | 8   | 10         | ug/L  |
| 62-53-3        | Aniline                     | 10.1  |           | 1.6  | 4   | 5          | ug/L  |
| 108-95-2       | Phenol                      | 8.1   |           | 0.93 | 4   | 5          | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 8.3   |           | 1.2  | 4   | 5          | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 8.5   |           | 0.71 | 4   | 5          | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 8.2   |           | 0.88 | 4   | 5          | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 8     |           | 0.8  | 4   | 5          | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 8.1   |           | 0.84 | 4   | 5          | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 7.6   | J         | 1.6  | 8   | 10         | ug/L  |
| 95-48-7        | 2-Methylphenol              | 8.2   |           | 1.1  | 4   | 5          | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 9.3   |           | 1.4  | 4   | 5          | ug/L  |
| 98-86-2        | Acetophenone                | 8.6   |           | 1.1  | 4   | 5          | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 8.1   | J         | 1.2  | 8   | 10         | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 9     |           | 1.5  | 2.5 | 2.5        | ug/L  |
| 67-72-1        | Hexachloroethane            | 7.9   |           | 1    | 4   | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 8.5   |           | 1.3  | 4   | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 8.2   |           | 1.1  | 4   | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 6.6   |           | 2    | 4   | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 7.9   |           | 1.5  | 4   | 5          | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 8.3   |           | 1    | 4   | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 7.3   |           | 0.88 | 4   | 5          | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 7.7   |           | 1.1  | 4   | 5          | ug/L  |
| 65-85-0        | Benzoic acid                | 5.5   | U         | 5.5  | 8   | 10         | ug/L  |
| 91-20-3        | Naphthalene                 | 8.1   |           | 1    | 4   | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 8.5   |           | 1.3  | 4   | 5          | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 7     |           | 1.3  | 4   | 5          | ug/L  |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | MDL-WATER-03-QT3-2024 | SDG No.:        | BM081324              |
| Lab Sample ID:     | P3390-09              | Matrix:         | Water                 |
| Analytical Method: | 8270E                 | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000                  | Units:          | mL                    |
| Soil Aliquot Vol:  |                       | Final Vol:      | 1000                  |
|                    |                       | 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 |
| BM047173.D        | 1         | 8/7/2024 12:00:00 AM | 8/13/2024 12:00:00 AM | PB162553      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 7     | J         | 1.7   | 8   | 10         | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 7.3   |           | 0.84  | 4   | 5          | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 8     |           | 1.1   | 4   | 5          | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 8.1   | J         | 5     | 8   | 10         | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 6.8   |           | 0.89  | 4   | 5          | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 6.9   |           | 1     | 4   | 5          | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 8.3   |           | 0.91  | 4   | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 8.2   |           | 0.97  | 4   | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 7.5   |           | 1.4   | 4   | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 8.1   |           | 0.93  | 4   | 5          | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 8.9   |           | 1     | 4   | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 7     |           | 1.2   | 4   | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 7.1   |           | 1.4   | 4   | 5          | ug/L  |
| 83-32-9    | Acenaphthene                                    | 8.1   |           | 0.81  | 4   | 5          | ug/L  |
| Total PAH  | Total PAH                                       | 126.3 |           | 17.36 | 4   | 80         | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 6.4   | U         | 6.4   | 8   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 6.5   | J         | 2     | 8   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 8.5   |           | 0.93  | 4   | 5          | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 4     |           | 2.7   | 4   | 10         | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 7     |           | 1.5   | 4   | 5          | ug/L  |
| 84-66-2    | Diethylphthalate                                | 7.8   |           | 1     | 4   | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 8.1   |           | 0.98  | 4   | 5          | ug/L  |
| 86-73-7    | Fluorene                                        | 8.3   |           | 0.96  | 4   | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 6.9   |           | 2     | 4   | 5          | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 5.5   | J         | 3.1   | 8   | 10         | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 8     |           | 0.89  | 4   | 5          | ug/L  |
| 103-33-3   | Azobenzene                                      | 8.5   |           | 1.2   | 4   | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 7.3   |           | 0.95  | 4   | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 7.5   |           | 1.1   | 4   | 5          | ug/L  |
| 1912-24-9  | Atrazine                                        | 8.8   |           | 1.3   | 4   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | MDL-WATER-03-QT3-2024  | SDG No.:        | BM081324              |
| Lab Sample ID:     | P3390-09               | Matrix:         | Water                 |
| Analytical Method: | 8270E                  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM047173.D        | 1         | 8/7/2024 12:00:00 AM | 8/13/2024 12:00:00 AM | PB162553      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 5.6     | J         | 1.9    | 8   | 10         | ug/L      |
| 85-01-8           | Phenanthrene               | 8.2     |           | 0.89   | 4   | 5          | ug/L      |
| 120-12-7          | Anthracene                 | 8.2     |           | 1.1    | 4   | 5          | ug/L      |
| 86-74-8           | Carbazole                  | 7.7     |           | 1.2    | 4   | 5          | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 7.2     |           | 1.5    | 4   | 5          | ug/L      |
| 206-44-0          | Fluoranthene               | 7.4     |           | 1.3    | 4   | 5          | ug/L      |
| 92-87-5           | Benzidine                  | 10.9    |           | 4.1    | 8   | 10         | ug/L      |
| 129-00-0          | Pyrene                     | 7.2     |           | 1.1    | 4   | 5          | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 6.6     |           | 2.1    | 4   | 5          | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 8.1     | J         | 1.3    | 8   | 10         | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 7.8     |           | 0.94   | 4   | 5          | ug/L      |
| 218-01-9          | Chrysene                   | 7.8     |           | 0.86   | 4   | 5          | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 6.8     |           | 1.9    | 4   | 5          | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 6.3     | J         | 2.5    | 8   | 10         | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 7.4     |           | 1.1    | 4   | 5          | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 8       |           | 1.2    | 4   | 5          | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 7.7     |           | 1.7    | 4   | 5          | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 7.8     |           | 1      | 4   | 5          | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 7.9     |           | 1.2    | 4   | 5          | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 7.5     |           | 1.2    | 4   | 5          | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 7.6     |           | 1.1    | 4   | 5          | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 8.7     |           | 1.3    | 4   | 5          | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 7.1     |           | 0.79   | 4   | 5          | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 7.7     |           | 0.86   | 4   | 5          | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 127.177 |           | 10-139 |     | 85         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 127.263 |           | 10-134 |     | 85         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 85.378  |           | 49-133 |     | 85         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 82.848  |           | 52-132 |     | 83         | SPK: -100 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | MDL-WATER-03-QT3-2024  | SDG No.:        | BM081324              |
| Lab Sample ID:     | P3390-09               | Matrix:         | Water                 |
| Analytical Method: | 8270E                  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                       |               |
|-------------------|-----------|----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed         | Prep Batch ID |
| BM047173.D        | 1         | 8/7/2024 12:00:00 AM | 8/13/2024 12:00:00 AM | PB162553      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 130.141 |           | 44-137 |     | 87         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 84.78   |           | 48-125 |     | 85         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 205374  | 7.369     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 878013  | 10.128    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 587912  | 14.027    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 1295651 | 16.786    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 1223995 | 21.027    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 1419644 | 23.721    |        |     |            |           |

### Hit Summary Sheet SW-846

SDG No.: BM081324

Client:

| Sample ID                               | Client ID            | Matrix | Parameter                   | Concentration | C | MDL  | RDL | Units |
|-----------------------------------------|----------------------|--------|-----------------------------|---------------|---|------|-----|-------|
| <b>Client ID : MDL-SOIL-03-QT3-2024</b> |                      |        |                             |               |   |      |     |       |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 1,1-Biphenyl                | 150.000       | J | 87.4 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 1,2,4,5-Tetrachlorobenzene  | 120.000       | J | 86.8 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 1,2,4-Trichlorobenzene      | 120.000       | J | 85.4 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 1,2-Dichlorobenzene         | 140.000       | J | 84.6 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 1,3-Dichlorobenzene         | 140.000       | J | 86   | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 1,4-Dichlorobenzene         | 140.000       | J | 86.5 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 1,4-Dioxane                 | 160.000       | J | 110  | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 1-Methylnaphthalene         | 130.000       | J | 83.2 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 2,2-oxybis(1-Chloropropane) | 160.000       | J | 90.9 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 2,3,4,6-Tetrachlorophenol   | 120.000       | J | 74.7 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 2,4,5-Trichlorophenol       | 100.000       | J | 74   | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 2,4,6-Trichlorophenol       | 110.000       | J | 71.4 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 2,4-Dichlorophenol          | 110.000       | J | 75.5 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 2,4-Dimethylphenol          | 120.000       | J | 93.2 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 2,4-Dinitrotoluene          | 110.000       | J | 86.2 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 2,6-Dinitrotoluene          | 110.000       | J | 83.2 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 2-Chloronaphthalene         | 140.000       | J | 83.3 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 2-Chlorophenol              | 150.000       | J | 83.5 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 2-Methylnaphthalene         | 130.000       | J | 82.5 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 2-Methylphenol              | 140.000       | J | 80.6 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 2-Nitroaniline              | 120.000       | J | 95   | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 2-Nitrophenol               | 100.000       | J | 94.5 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 3+4-Methylphenols           | 130.000       | J | 79.8 | 330 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 3,3-Dichlorobenzidine       | 130.000       | J | 98.6 | 330 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 3-Nitroaniline              | 110.000       | J | 89.2 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 4-Bromophenyl-phenylether   | 120.000       | J | 78.9 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 4-Chloro-3-methylphenol     | 120.000       | J | 77.5 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 4-Chloroaniline             | 140.000       | J | 82.6 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 4-Chlorophenyl-phenylether  | 140.000       | J | 85.6 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | 4-Nitroaniline              | 110.000       | J | 110  | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | Acenaphthene                | 140.000       | J | 81.1 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | Acenaphthylene              | 150.000       | J | 86.5 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | Acetophenone                | 150.000       | J | 86.9 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | Aniline                     | 170.000       |   | 96.9 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | Anthracene                  | 140.000       | J | 84.4 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | Atrazine                    | 140.000       | J | 91.4 | 170 | ug/Kg |
| P3390-03                                | MDL-SOIL-03-QT3-2024 | Solid  | Azobenzene                  | 150.000       | J | 79.6 | 170 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BM081324

Client:

| Sample ID | Client ID           | Matrix | Parameter                          | Concentration | C | MDL    | RDL  | Units |
|-----------|---------------------|--------|------------------------------------|---------------|---|--------|------|-------|
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Benzo(a)anthracene                 | 130.000       | J | 80.7   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Benzo(a)pyrene                     | 120.000       | J | 93     | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Benzo(b)fluoranthene               | 120.000       | J | 81.1   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Benzo(g,h,i)perylene               | 130.000       | J | 80.1   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Benzo(k)fluoranthene               | 130.000       | J | 82.6   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Benzyl Alcohol                     | 130.000       | J | 83     | 330  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | bis(2-Chloroethoxy)methane         | 140.000       | J | 85.8   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | bis(2-Chloroethyl)ether            | 150.000       | J | 83.7   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Bis(2-ethylhexyl)phthalate         | 110.000       | J | 91     | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Butylbenzylphthalate               | 110.000       | J | 96.8   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Caprolactam                        | 110.000       | J | 86.8   | 330  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Carbazole                          | 130.000       | J | 80.3   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Chrysene                           | 130.000       | J | 79.5   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Di-n-butylphthalate                | 120.000       | J | 84.3   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Dibenzo(a,h)anthracene             | 140.000       | J | 81.2   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Dibenzofuran                       | 150.000       | J | 84.4   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Diethylphthalate                   | 130.000       | J | 80.1   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Dimethylphthalate                  | 140.000       | J | 81.7   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Fluoranthene                       | 120.000       | J | 81.7   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Fluorene                           | 140.000       | J | 85.5   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Hexachlorobenzene                  | 130.000       | J | 85     | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Hexachlorobutadiene                | 110.000       | J | 83.3   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Hexachloroethane                   | 140.000       | J | 83     | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Indeno(1,2,3-cd)pyrene             | 130.000       | J | 78.1   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Isophorone                         | 140.000       | J | 84.6   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | n-Nitroso-di-n-propylamine         | 160.000       |   | 40.3   | 80   | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | n-Nitrosodimethylamine             | 140.000       | J | 86.8   | 330  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | n-Nitrosodiphenylamine             | 130.000       | J | 81.6   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Naphthalene                        | 140.000       | J | 82.6   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Nitrobenzene                       | 140.000       | J | 90.8   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Pentachlorophenol                  | 86.600        | J | 77.3   | 330  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Phenanthrene                       | 150.000       | J | 84     | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Phenol                             | 140.000       | J | 82.9   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Pyrene                             | 120.000       | J | 83     | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Pyridine                           | 130.000       | J | 79.9   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 2,4-Dinitrotoluene/2,6-Dinitrotolu | 220.000       | J | 169.4  | 340  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Total PAH                          | 2,130.000     | J | 1325.1 | 2720 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 1,1-Biphenyl                       | 270.000       |   | 87.4   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 1,2,4,5-Tetrachlorobenzene         | 250.000       |   | 86.8   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 1,2,4-Trichlorobenzene             | 250.000       |   | 85.4   | 170  | ug/Kg |

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

**SDG No.:** BM081324

**Client:**

| Sample ID | Client ID           | Matrix | Parameter                   | Concentration | C | MDL  | RDL | Units |
|-----------|---------------------|--------|-----------------------------|---------------|---|------|-----|-------|
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 1,2-Dichlorobenzene         | 270.000       |   | 84.6 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 1,3-Dichlorobenzene         | 270.000       |   | 86   | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 1,4-Dichlorobenzene         | 270.000       |   | 86.5 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 1,4-Dioxane                 | 310.000       |   | 110  | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 1-Methylnaphthalene         | 250.000       |   | 83.2 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 2,2-oxybis(1-Chloropropane) | 310.000       |   | 90.9 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 2,3,4,6-Tetrachlorophenol   | 240.000       |   | 74.7 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 2,4,5-Trichlorophenol       | 230.000       |   | 74   | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 2,4,6-Trichlorophenol       | 220.000       |   | 71.4 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 2,4-Dichlorophenol          | 240.000       |   | 75.5 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 2,4-Dimethylphenol          | 270.000       |   | 93.2 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 2,4-Dinitrotoluene          | 230.000       |   | 86.2 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 2,6-Dinitrotoluene          | 230.000       |   | 83.2 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 2-Chloronaphthalene         | 270.000       |   | 83.3 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 2-Chlorophenol              | 280.000       |   | 83.5 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 2-Methylnaphthalene         | 260.000       |   | 82.5 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 2-Methylphenol              | 260.000       |   | 80.6 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 2-Nitroaniline              | 250.000       |   | 95   | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 2-Nitrophenol               | 220.000       |   | 94.5 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 3+4-Methylphenols           | 260.000       | J | 79.8 | 330 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 3,3-Dichlorobenzidine       | 270.000       | J | 98.6 | 330 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 3-Nitroaniline              | 240.000       |   | 89.2 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 4,6-Dinitro-2-methylphenol  | 190.000       | J | 120  | 330 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 4-Bromophenyl-phenylether   | 230.000       |   | 78.9 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 4-Chloro-3-methylphenol     | 240.000       |   | 77.5 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 4-Chloroaniline             | 280.000       |   | 82.6 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 4-Chlorophenyl-phenylether  | 270.000       |   | 85.6 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 4-Nitroaniline              | 240.000       |   | 110  | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | 4-Nitrophenol               | 220.000       | J | 120  | 330 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Acenaphthene                | 260.000       |   | 81.1 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Acenaphthylene              | 290.000       |   | 86.5 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Acetophenone                | 290.000       |   | 86.9 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Aniline                     | 330.000       |   | 96.9 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Anthracene                  | 270.000       |   | 84.4 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Atrazine                    | 290.000       |   | 91.4 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Azobenzene                  | 280.000       |   | 79.6 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Benzaldehyde                | 290.000       | J | 180  | 330 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Benzidine                   | 340.000       |   | 160  | 330 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Benzo(a)anthracene          | 260.000       |   | 80.7 | 170 | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-202 | Solid  | Benzo(a)pyrene              | 250.000       |   | 93   | 170 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BM081324

Client:

| Sample ID | Client ID            | Matrix | Parameter                          | Concentration | C | MDL    | RDL  | Units |
|-----------|----------------------|--------|------------------------------------|---------------|---|--------|------|-------|
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Benzo(b)fluoranthene               | 250.000       |   | 81.1   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Benzo(g,h,i)perylene               | 250.000       |   | 80.1   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Benzo(k)fluoranthene               | 260.000       |   | 82.6   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Benzyl Alcohol                     | 250.000       | J | 83     | 330  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | bis(2-Chloroethoxy)methane         | 270.000       |   | 85.8   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | bis(2-Chloroethyl)ether            | 280.000       |   | 83.7   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Bis(2-ethylhexyl)phthalate         | 230.000       |   | 91     | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Butylbenzylphthalate               | 220.000       |   | 96.8   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Caprolactam                        | 230.000       | J | 86.8   | 330  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Carbazole                          | 270.000       |   | 80.3   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Chrysene                           | 260.000       |   | 79.5   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Di-n-butylphthalate                | 240.000       |   | 84.3   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Di-n-octyl phthalate               | 210.000       | J | 110    | 330  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Dibenzo(a,h)anthracene             | 270.000       |   | 81.2   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Dibenzofuran                       | 290.000       |   | 84.4   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Diethylphthalate                   | 260.000       |   | 80.1   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Dimethylphthalate                  | 270.000       |   | 81.7   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Fluoranthene                       | 250.000       |   | 81.7   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Fluorene                           | 280.000       |   | 85.5   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Hexachlorobenzene                  | 240.000       |   | 85     | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Hexachlorobutadiene                | 240.000       |   | 83.3   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Hexachlorocyclopentadiene          | 260.000       | J | 160    | 330  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Hexachloroethane                   | 270.000       |   | 83     | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Indeno(1,2,3-cd)pyrene             | 270.000       |   | 78.1   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Isophorone                         | 270.000       |   | 84.6   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | n-Nitroso-di-n-propylamine         | 290.000       |   | 40.3   | 80   | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | n-Nitrosodimethylamine             | 280.000       | J | 86.8   | 330  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | n-Nitrosodiphenylamine             | 260.000       |   | 81.6   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Naphthalene                        | 270.000       |   | 82.6   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Nitrobenzene                       | 280.000       |   | 90.8   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Pentachlorophenol                  | 190.000       | J | 77.3   | 330  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Phenanthrene                       | 280.000       |   | 84     | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Phenol                             | 270.000       |   | 82.9   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Pyrene                             | 230.000       |   | 83     | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Pyridine                           | 250.000       |   | 79.9   | 170  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | 2,4-Dinitrotoluene/2,6-Dinitrotolu | 460.000       |   | 169.4  | 340  | ug/Kg |
| P3390-03  | MDL-SOIL-03-QT3-2024 | Solid  | Total PAH                          | 4,200.000     |   | 1325.1 | 2720 | ug/Kg |

**Total Svoc : 36,666.60**

**Total Concentration: 36,666.60**

Client ID : MDL-WATER-03-QT3-2024

### Hit Summary Sheet SW-846

SDG No.: BM081324

Client:

| Sample ID | Client ID                 | Parameter                   | Concentration | C | MDL  | RDL | Units |
|-----------|---------------------------|-----------------------------|---------------|---|------|-----|-------|
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 1,1-Biphenyl                | 4.200         | J | 0.91 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 1,2,4,5-Tetrachlorobenzene  | 3.800         | J | 1.1  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 1,2,4-Trichlorobenzene      | 3.900         | J | 1.1  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 1,2-Dichlorobenzene         | 4.300         | J | 0.88 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 1,3-Dichlorobenzene         | 4.100         | J | 0.8  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 1,4-Dichlorobenzene         | 4.200         | J | 0.84 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 1,4-Dioxane                 | 4.800         | J | 1.3  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 1-Methylnaphthalene         | 3.900         | J | 0.86 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2,2-oxybis(1-Chloropropane) | 4.700         | J | 1.4  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2,3,4,6-Tetrachlorophenol   | 3.500         | J | 0.79 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2,4,5-Trichlorophenol       | 3.100         | J | 1    | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2,4,6-Trichlorophenol       | 3.300         | J | 0.89 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2,4-Dichlorophenol          | 3.400         | J | 0.88 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2,4-Dimethylphenol          | 3.600         | J | 1.5  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2,4-Dinitrotoluene          | 3.200         | J | 1.5  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2,6-Dinitrotoluene          | 3.300         | J | 1.2  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2-Chloronaphthalene         | 4.100         | J | 0.97 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2-Chlorophenol              | 4.300         | J | 0.71 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2-Methylnaphthalene         | 4.000         | J | 1.1  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2-Methylphenol              | 3.900         | J | 1.1  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2-Nitroaniline              | 3.300         | J | 1.4  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2-Nitrophenol               | 3.100         | J | 2    | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 3+4-Methylphenols           | 3.900         | J | 1.2  | 10  | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 3,3-Dichlorobenzidine       | 3.800         | J | 1.3  | 10  | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 3-Nitroaniline              | 3.300         | J | 1.4  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 4-Bromophenyl-phenylether   | 3.500         | J | 0.95 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 4-Chloro-3-methylphenol     | 3.400         | J | 0.84 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 4-Chloroaniline             | 4.000         | J | 1.3  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 4-Chlorophenyl-phenylether  | 4.100         | J | 0.98 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 4-Nitroaniline              | 3.200         | J | 2    | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 4-Nitrophenol               | 2.700         | J | 2    | 10  | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Acenaphthene                | 4.100         | J | 0.81 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Acenaphthylene              | 4.300         | J | 1    | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Acetophenone                | 4.500         | J | 1.1  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Aniline                     | 5.000         |   | 1.6  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Anthracene                  | 4.000         | J | 1.1  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Atrazine                    | 4.100         | J | 1.3  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Azobenzene                  | 4.100         | J | 1.2  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Benzaldehyde                | 4.100         | J | 4    | 10  | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Benzidine                   | 4.400         | J | 4.1  | 10  | ug/L  |

### Hit Summary Sheet SW-846

SDG No.: BM081324

Client:

| Sample ID | Client ID                 | Parameter                          | Concentration | C | MDL   | RDL | Units |
|-----------|---------------------------|------------------------------------|---------------|---|-------|-----|-------|
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Benzo(a)anthracene                 | 3.900         | J | 0.94  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Benzo(a)pyrene                     | 3.700         | J | 1.7   | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Benzo(b)fluoranthene               | 3.700         | J | 1.1   | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Benzo(g,h,i)perylene               | 3.900         | J | 1.2   | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Benzo(k)fluoranthene               | 3.800         | J | 1.2   | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Benzyl Alcohol                     | 3.600         | J | 1.6   | 10  | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | bis(2-Chloroethoxy)methane         | 4.100         | J | 1     | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | bis(2-Chloroethyl)ether            | 4.200         | J | 1.2   | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Bis(2-ethylhexyl)phthalate         | 3.200         | J | 1.9   | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Butylbenzylphthalate               | 3.100         | J | 2.1   | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Caprolactam                        | 3.100         | J | 1.7   | 10  | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Carbazole                          | 3.800         | J | 1.2   | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Chrysene                           | 4.000         | J | 0.86  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Di-n-butylphthalate                | 3.500         | J | 1.5   | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Di-n-octyl phthalate               | 2.900         | J | 2.5   | 10  | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Dibenzo(a,h)anthracene             | 4.100         | J | 1.2   | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Dibenzofuran                       | 4.300         | J | 0.93  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Diethylphthalate                   | 3.900         | J | 1     | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Dimethylphthalate                  | 4.000         | J | 0.93  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Fluoranthene                       | 3.700         | J | 1.3   | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Fluorene                           | 4.100         | J | 0.96  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Hexachlorobenzene                  | 3.800         | J | 1.1   | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Hexachlorobutadiene                | 3.600         | J | 1.3   | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Hexachloroethane                   | 3.900         | J | 1     | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Indeno(1,2,3-cd)pyrene             | 3.900         | J | 1     | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Isophorone                         | 3.900         | J | 1.1   | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | n-Nitroso-di-n-propylamine         | 4.200         |   | 1.5   | 2.5 | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | n-Nitrosodimethylamine             | 4.300         | J | 1     | 10  | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | n-Nitrosodiphenylamine             | 4.000         | J | 0.89  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Naphthalene                        | 4.100         | J | 1     | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Nitrobenzene                       | 4.200         | J | 1.3   | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Pentachlorophenol                  | 2.700         | J | 1.9   | 10  | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Phenanthrene                       | 4.200         | J | 0.89  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Phenol                             | 4.200         | J | 0.93  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Pyrene                             | 3.500         | J | 1.1   | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Pyridine                           | 3.700         | J | 1.6   | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2,4-Dinitrotoluene/2,6-Dinitrotolu | 6.500         | J | 2.7   | 10  | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Total PAH                          | 63.000        | J | 17.36 | 80  | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 1,1-Biphenyl                       | 8.300         |   | 0.91  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 1,2,4,5-Tetrachlorobenzene         | 7.600         |   | 1.1   | 5   | ug/L  |

### Hit Summary Sheet SW-846

SDG No.: BM081324

Client:

| Sample ID | Client ID                 | Parameter                   | Concentration | C | MDL  | RDL | Units |
|-----------|---------------------------|-----------------------------|---------------|---|------|-----|-------|
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 1,2,4-Trichlorobenzene      | 7.700         |   | 1.1  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 1,2-Dichlorobenzene         | 8.200         |   | 0.88 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 1,3-Dichlorobenzene         | 8.000         |   | 0.8  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 1,4-Dichlorobenzene         | 8.100         |   | 0.84 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 1,4-Dioxane                 | 8.700         |   | 1.3  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 1-Methylnaphthalene         | 7.700         |   | 0.86 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2,2-oxybis(1-Chloropropane) | 9.300         |   | 1.4  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2,3,4,6-Tetrachlorophenol   | 7.100         |   | 0.79 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2,4,5-Trichlorophenol       | 6.900         |   | 1    | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2,4,6-Trichlorophenol       | 6.800         |   | 0.89 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2,4-Dichlorophenol          | 7.300         |   | 0.88 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2,4-Dimethylphenol          | 7.900         |   | 1.5  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2,4-Dinitrotoluene          | 7.000         |   | 1.5  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2,6-Dinitrotoluene          | 7.000         |   | 1.2  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2-Chloronaphthalene         | 8.200         |   | 0.97 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2-Chlorophenol              | 8.500         |   | 0.71 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2-Methylnaphthalene         | 8.000         |   | 1.1  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2-Methylphenol              | 8.200         |   | 1.1  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2-Nitroaniline              | 7.500         |   | 1.4  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 2-Nitrophenol               | 6.600         |   | 2    | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 3+4-Methylphenols           | 8.100         | J | 1.2  | 10  | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 3,3-Dichlorobenzidine       | 8.100         | J | 1.3  | 10  | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 3-Nitroaniline              | 7.100         |   | 1.4  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 4,6-Dinitro-2-methylphenol  | 5.500         | J | 3.1  | 10  | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 4-Bromophenyl-phenylether   | 7.300         |   | 0.95 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 4-Chloro-3-methylphenol     | 7.300         |   | 0.84 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 4-Chloroaniline             | 8.500         |   | 1.3  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 4-Chlorophenyl-phenylether  | 8.100         |   | 0.98 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 4-Nitroaniline              | 6.900         |   | 2    | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | 4-Nitrophenol               | 6.500         | J | 2    | 10  | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Acenaphthene                | 8.100         |   | 0.81 | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Acenaphthylene              | 8.900         |   | 1    | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Acetophenone                | 8.600         |   | 1.1  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Aniline                     | 10.100        |   | 1.6  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Anthracene                  | 8.200         |   | 1.1  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Atrazine                    | 8.800         |   | 1.3  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Azobenzene                  | 8.500         |   | 1.2  | 5   | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Benzaldehyde                | 8.900         | J | 4    | 10  | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Benzidine                   | 10.900        |   | 4.1  | 10  | ug/L  |
| P3390-09  | MDL-WATER-03-QT3-2\ Water | Benzo(a)anthracene          | 7.800         |   | 0.94 | 5   | ug/L  |

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

**SDG No.:** BM081324

**Client:**

| Sample ID                   | Client ID                 | Parameter                          | Concentration | C | MDL             | RDL | Units |
|-----------------------------|---------------------------|------------------------------------|---------------|---|-----------------|-----|-------|
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Benzo(a)pyrene                     | 7.700         |   | 1.7             | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Benzo(b)fluoranthene               | 7.400         |   | 1.1             | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Benzo(g,h,i)perylene               | 7.500         |   | 1.2             | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Benzo(k)fluoranthene               | 8.000         |   | 1.2             | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Benzyl Alcohol                     | 7.600         | J | 1.6             | 10  | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | bis(2-Chloroethoxy)methane         | 8.300         |   | 1               | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | bis(2-Chloroethyl)ether            | 8.300         |   | 1.2             | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Bis(2-ethylhexyl)phthalate         | 6.800         |   | 1.9             | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Butylbenzylphthalate               | 6.600         |   | 2.1             | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Caprolactam                        | 7.000         | J | 1.7             | 10  | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Carbazole                          | 7.700         |   | 1.2             | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Chrysene                           | 7.800         |   | 0.86            | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Di-n-butylphthalate                | 7.200         |   | 1.5             | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Di-n-octyl phthalate               | 6.300         | J | 2.5             | 10  | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Dibenzo(a,h)anthracene             | 7.900         |   | 1.2             | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Dibenzofuran                       | 8.500         |   | 0.93            | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Diethylphthalate                   | 7.800         |   | 1               | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Dimethylphthalate                  | 8.100         |   | 0.93            | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Fluoranthene                       | 7.400         |   | 1.3             | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Fluorene                           | 8.300         |   | 0.96            | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Hexachlorobenzene                  | 7.500         |   | 1.1             | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Hexachlorobutadiene                | 7.000         |   | 1.3             | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Hexachlorocyclopentadiene          | 8.100         | J | 5               | 10  | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Hexachloroethane                   | 7.900         |   | 1               | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Indeno(1,2,3-cd)pyrene             | 7.800         |   | 1               | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Isophorone                         | 8.200         |   | 1.1             | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | n-Nitroso-di-n-propylamine         | 9.000         |   | 1.5             | 2.5 | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | n-Nitrosodimethylamine             | 8.400         | J | 1               | 10  | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | n-Nitrosodiphenylamine             | 8.000         |   | 0.89            | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Naphthalene                        | 8.100         |   | 1               | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Nitrobenzene                       | 8.500         |   | 1.3             | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Pentachlorophenol                  | 5.600         | J | 1.9             | 10  | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Phenanthrene                       | 8.200         |   | 0.89            | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Phenol                             | 8.100         |   | 0.93            | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Pyrene                             | 7.200         |   | 1.1             | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Pyridine                           | 7.500         |   | 1.6             | 5   | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | 2,4-Dinitrotoluene/2,6-Dinitrotolu | 14.000        |   | 2.7             | 10  | ug/L  |
| P3390-09                    | MDL-WATER-03-QT3-2\ Water | Total PAH                          | 126.000       |   | 17.36           | 80  | ug/L  |
| <b>Total Svoc :</b>         |                           |                                    |               |   | <b>1,110.90</b> |     |       |
| <b>Total Concentration:</b> |                           |                                    |               |   | <b>1,110.90</b> |     |       |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

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

**SDG No.:** BM081324

**Client:**

---

| Sample ID | Client ID | Parameter | Concentration | C | MDL | RDL | Units |
|-----------|-----------|-----------|---------------|---|-----|-----|-------|
|-----------|-----------|-----------|---------------|---|-----|-----|-------|



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BM081024 SAS No.: BM081024 SDG No.: BM081024  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 8/10/2024 : \_\_\_\_\_  
Calibration Time(s): 13:12 \_\_\_\_\_

|                             |        |                     |        |        |                     |        |                     |       |
|-----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:                |        | RRF2.5 = BM047140.D |        |        | RRF005 = BM047141.D |        | RRF010 = BM047142.D |       |
|                             |        | RRF020 = BM047143.D |        |        | RRF040 = BM047144.D |        | RRF050 = BM047145.D |       |
| COMPOUND                    | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| n-Nitrosodimethylamine      |        | 0.643               | 0.612  | 0.629  | 0.570               | 0.564  | 0.594               | 5.7   |
| Pyridine                    |        | 1.448               | 1.390  | 1.458  | 1.302               | 1.299  | 1.360               | 5.2   |
| 2-Fluorophenol              |        | 1.215               | 1.184  | 1.197  | 1.071               | 1.050  | 1.119               | 6.7   |
| Benzaldehyde                |        | 1.187               | 1.048  | 1.024  | 0.776               | 0.750  | 0.904               | 23.4  |
| Aniline                     |        | 1.546               | 1.516  | 1.583  | 1.428               | 1.401  | 1.458               | 6.3   |
| Phenol-d6                   |        | 1.643               | 1.599  | 1.652  | 1.478               | 1.470  | 1.542               | 5.5   |
| Phenol                      |        | 1.695               | 1.600  | 1.645  | 1.453               | 1.450  | 1.539               | 6.8   |
| bis(2-Chloroethyl)ether     |        | 1.431               | 1.361  | 1.407  | 1.283               | 1.267  | 1.318               | 6.2   |
| 2-Chlorophenol              |        | 1.306               | 1.271  | 1.324  | 1.185               | 1.167  | 1.221               | 6.4   |
| 1,2-Dichlorobenzene         |        | 1.526               | 1.468  | 1.514  | 1.314               | 1.308  | 1.386               | 8.1   |
| 1,3-Dichlorobenzene         |        | 1.567               | 1.506  | 1.537  | 1.408               | 1.394  | 1.451               | 5.8   |
| 1,4-Dichlorobenzene         |        | 1.581               | 1.532  | 1.562  | 1.429               | 1.405  | 1.469               | 5.9   |
| Benzyl Alcohol              |        | 1.083               | 1.074  | 1.189  | 1.098               | 1.076  | 1.098               | 3.9   |
| 2-Methylphenol              |        | 1.064               | 1.055  | 1.115  | 1.003               | 0.998  | 1.027               | 5.2   |
| 2,2-oxybis(1-Chloropropane) |        | 1.904               | 1.777  | 1.859  | 1.659               | 1.616  | 1.691               | 9.5   |
| Acetophenone                |        | 0.547               | 0.517  | 0.510  | 0.462               | 0.450  | 0.483               | 8.6   |
| 3+4-Methylphenols           |        | 1.462               | 1.442  | 1.570  | 1.411               | 1.405  | 1.435               | 4.8   |
| n-Nitroso-di-n-propylamine  | 1.087  | 1.169               | 1.095  | 1.138  | 0.982               | 0.965  | 1.039               | 9.1   |
| Nitrobenzene-d5             |        | 0.423               | 0.417  | 0.420  | 0.390               | 0.378  | 0.397               | 5.5   |
| Hexachloroethane            |        | 0.609               | 0.577  | 0.600  | 0.551               | 0.553  | 0.569               | 4.8   |
| Nitrobenzene                |        | 0.425               | 0.427  | 0.428  | 0.393               | 0.380  | 0.400               | 6.4   |
| Isophorone                  |        | 0.712               | 0.706  | 0.732  | 0.688               | 0.668  | 0.692               | 3.8   |
| 2-Nitrophenol               |        | 0.156               | 0.166  | 0.180  | 0.182               | 0.182  | 0.177               | 6.6   |
| 2,4-Dimethylphenol          |        | 0.200               | 0.209  | 0.217  | 0.209               | 0.206  | 0.207               | 2.6   |
| bis(2-Chloroethoxy)methane  |        | 0.461               | 0.461  | 0.458  | 0.435               | 0.421  | 0.435               | 6.0   |
| 2,4-Dichlorophenol          |        | 0.289               | 0.300  | 0.318  | 0.312               | 0.310  | 0.308               | 3.3   |
| 1,2,4-Trichlorobenzene      |        | 0.357               | 0.352  | 0.359  | 0.346               | 0.340  | 0.348               | 2.3   |
| Benzoic acid                |        | 0.182               | 0.212  | 0.240  | 0.251               | 0.262  | 0.241               | 13.8  |
| Naphthalene                 |        | 1.075               | 1.041  | 1.042  | 0.966               | 0.949  | 0.996               | 5.5   |
| 4-Chloroaniline             |        | 0.382               | 0.393  | 0.409  | 0.385               | 0.374  | 0.383               | 3.8   |
| Hexachlorobutadiene         |        | 0.199               | 0.200  | 0.207  | 0.203               | 0.203  | 0.204               | 2.0   |
| Caprolactam                 |        | 0.098               | 0.103  | 0.112  | 0.109               | 0.107  | 0.107               | 4.5   |
| 4-Chloro-3-methylphenol     |        | 0.320               | 0.324  | 0.347  | 0.328               | 0.323  | 0.328               | 2.7   |
| 2-Methylnaphthalene         |        | 0.741               | 0.730  | 0.742  | 0.689               | 0.681  | 0.709               | 3.8   |
| Hexachlorocyclopentadiene   |        | 0.160               | 0.180  | 0.191  | 0.200               | 0.199  | 0.190               | 8.5   |
| 2,4,6-Trichlorophenol       |        | 0.355               | 0.372  | 0.394  | 0.399               | 0.394  | 0.388               | 4.5   |

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.: BM081024

SAS No.: BM081024

SDG No.: BM081024

Instrument ID:

Calibration Date(s): 8/10/2024

Calibration Time(s): 13:12

|                            |        |                     |        |        |                     |        |                     |       |
|----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:               |        | RRF2.5 = BM047140.D |        |        | RRF005 = BM047141.D |        | RRF010 = BM047142.D |       |
|                            |        | RRF020 = BM047143.D |        |        | RRF040 = BM047144.D |        | RRF050 = BM047145.D |       |
| COMPOUND                   | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| 2-Fluorobiphenyl           |        | 1.406               | 1.341  | 1.336  | 1.265               | 1.247  | 1.297               | 5.1   |
| 2,4,5-Trichlorophenol      |        | 0.410               | 0.410  | 0.438  | 0.437               | 0.436  | 0.430               | 3.4   |
| 1,1-Biphenyl               |        | 1.538               | 1.482  | 1.479  | 1.388               | 1.361  | 1.424               | 5.3   |
| 2-Chloronaphthalene        |        | 1.197               | 1.169  | 1.176  | 1.071               | 1.060  | 1.113               | 5.8   |
| 2-Nitroaniline             |        | 0.323               | 0.346  | 0.367  | 0.357               | 0.352  | 0.349               | 3.9   |
| Dimethylphthalate          |        | 1.472               | 1.433  | 1.468  | 1.379               | 1.343  | 1.397               | 4.4   |
| Acenaphthylene             |        | 1.719               | 1.699  | 1.732  | 1.602               | 1.575  | 1.640               | 4.5   |
| 2,6-Dinitrotoluene         |        | 0.311               | 0.325  | 0.337  | 0.328               | 0.326  | 0.327               | 2.6   |
| 3-Nitroaniline             |        | 0.310               | 0.317  | 0.344  | 0.331               | 0.328  | 0.327               | 3.5   |
| Acenaphthene               |        | 1.115               | 1.079  | 1.086  | 1.008               | 0.991  | 1.041               | 4.9   |
| 2,4-Dinitrophenol          |        |                     | 0.152  | 0.185  | 0.204               | 0.204  | 0.196               | 12.3  |
| 4-Nitrophenol              |        | 0.247               | 0.268  | 0.293  | 0.293               | 0.291  | 0.282               | 6.4   |
| Dibenzofuran               |        | 1.790               | 1.731  | 1.728  | 1.579               | 1.559  | 1.644               | 6.2   |
| 2,4-Dinitrotoluene         |        | 0.400               | 0.435  | 0.460  | 0.441               | 0.440  | 0.436               | 4.2   |
| Diethylphthalate           |        | 1.505               | 1.486  | 1.506  | 1.398               | 1.365  | 1.426               | 5.0   |
| 4-Chlorophenyl-phenylether |        | 0.681               | 0.663  | 0.663  | 0.621               | 0.619  | 0.646               | 3.8   |
| Fluorene                   |        | 1.469               | 1.428  | 1.426  | 1.309               | 1.290  | 1.356               | 6.0   |
| 4-Nitroaniline             |        | 0.300               | 0.324  | 0.346  | 0.319               | 0.317  | 0.322               | 4.2   |
| 4,6-Dinitro-2-methylphenol |        | 0.092               | 0.107  | 0.120  | 0.125               | 0.126  | 0.117               | 11.3  |
| n-Nitrosodiphenylamine     |        | 0.570               | 0.561  | 0.573  | 0.536               | 0.526  | 0.545               | 4.2   |
| Azobenzene                 |        | 1.455               | 1.445  | 1.457  | 1.314               | 1.280  | 1.352               | 7.1   |
| 2,4,6-Tribromophenol       |        | 0.222               | 0.233  | 0.248  | 0.232               | 0.228  | 0.232               | 3.6   |
| 4-Bromophenyl-phenylether  |        | 0.190               | 0.190  | 0.198  | 0.191               | 0.191  | 0.193               | 1.9   |
| Hexachlorobenzene          |        | 0.236               | 0.234  | 0.240  | 0.229               | 0.226  | 0.231               | 2.7   |
| Atrazine                   |        | 0.183               | 0.186  | 0.182  | 0.170               | 0.152  | 0.164               | 13.5  |
| Pentachlorophenol          |        | 0.141               | 0.152  | 0.165  | 0.168               | 0.166  | 0.162               | 6.9   |
| Phenanthrene               |        | 1.090               | 1.035  | 1.036  | 0.976               | 0.967  | 1.004               | 5.0   |
| Anthracene                 |        | 1.024               | 1.000  | 1.026  | 0.953               | 0.946  | 0.977               | 4.1   |
| Carbazole                  |        | 1.071               | 1.041  | 1.052  | 0.971               | 0.954  | 0.997               | 5.6   |
| Di-n-butylphthalate        |        | 1.175               | 1.187  | 1.223  | 1.165               | 1.134  | 1.160               | 3.5   |
| Fluoranthene               |        | 1.294               | 1.239  | 1.255  | 1.199               | 1.179  | 1.221               | 3.6   |
| Benzidine                  |        | 0.226               | 0.190  | 0.373  | 0.489               | 0.370  | 0.339               | 30.0  |
| Pyrene                     |        | 1.456               | 1.398  | 1.443  | 1.425               | 1.414  | 1.428               | 1.5   |
| Terphenyl-d14              |        | 0.924               | 0.916  | 0.958  | 0.937               | 0.928  | 0.933               | 1.6   |
| Butylbenzylphthalate       |        | 0.511               | 0.552  | 0.600  | 0.608               | 0.599  | 0.583               | 6.5   |
| 3,3-Dichlorobenzidine      |        | 0.373               | 0.390  | 0.439  | 0.443               | 0.427  | 0.415               | 6.2   |

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.: BM081024 SAS No.: BM081024 SDG No.: BM081024  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 8/10/2024 : \_\_\_\_\_  
Calibration Time(s): 13:12 \_\_\_\_\_

|                            |        |                     |        |        |                     |        |                     |       |
|----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:               |        | RRF2.5 = BM047140.D |        |        | RRF005 = BM047141.D |        | RRF010 = BM047142.D |       |
|                            |        | RRF020 = BM047143.D |        |        | RRF040 = BM047144.D |        | RRF050 = BM047145.D |       |
| COMPOUND                   | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| Benzo(a)anthracene         |        | 1.390               | 1.331  | 1.364  | 1.300               | 1.291  | 1.328               | 2.9   |
| Chrysene                   |        | 1.350               | 1.283  | 1.301  | 1.224               | 1.214  | 1.260               | 4.2   |
| Bis(2-ethylhexyl)phthalate |        | 0.771               | 0.808  | 0.867  | 0.845               | 0.832  | 0.826               | 3.8   |
| Di-n-octyl phthalate       |        | 1.212               | 1.316  | 1.430  | 1.457               | 1.450  | 1.405               | 7.3   |
| Benzo(b)fluoranthene       |        | 1.182               | 1.200  | 1.222  | 1.161               | 1.179  | 1.188               | 1.9   |
| Benzo(k)fluoranthene       |        | 1.192               | 1.134  | 1.175  | 1.097               | 1.059  | 1.122               | 4.4   |
| Benzo(a)pyrene             |        | 1.014               | 1.015  | 1.066  | 1.024               | 1.012  | 1.029               | 1.9   |
| Indeno(1,2,3-cd)pyrene     |        | 1.326               | 1.280  | 1.366  | 1.279               | 1.278  | 1.293               | 3.4   |
| Dibenzo(a,h)anthracene     |        | 1.096               | 1.051  | 1.119  | 1.021               | 1.021  | 1.046               | 4.4   |
| Benzo(g,h,i)perylene       |        | 1.119               | 1.082  | 1.162  | 1.076               | 1.082  | 1.086               | 4.4   |
| 1,2,4,5-Tetrachlorobenzene |        | 0.539               | 0.531  | 0.554  | 0.543               | 0.546  | 0.546               | 1.7   |
| 1,4-Dioxane                |        | 0.519               | 0.490  | 0.495  | 0.438               | 0.436  | 0.464               | 7.9   |
| 2,3,4,6-Tetrachlorophenol  |        | 0.333               | 0.345  | 0.369  | 0.355               | 0.354  | 0.354               | 3.4   |
| 1-Methylnaphthalene        |        | 0.737               | 0.726  | 0.735  | 0.681               | 0.668  | 0.701               | 4.3   |

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.: BM081324 SAS No.: BM081324 SDG NO.: BM081324

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 13 2024 12:00AM

Lab File ID: BM047144.D Time Analyzed: 09:29

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

|                          | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|--------------------------|---------------------|-------|---------------------|--------|---------------------|--------|
| 12 HOUR STD              | 343346              | 7.375 | 1.38769e+01         | 10.13  | 915049              | 14.03  |
| UPPER LIMIT              | 686692              | 7.875 | 2775380             | 10.634 | 1830098             | 14.533 |
| LOWER LIMIT              | 171673              | 6.875 | 693845              | 9.634  | 457524.5            | 13.533 |
| EPA SAMPLE NO.           |                     |       |                     |        |                     |        |
| 01 PB162549BL            | 221837              | 7.38  | 827896              | 10.13  | 537882              | 14.03  |
| 02 PB162553BL            | 266916              | 7.37  | 1.05641e            | 10.13  | 676276              | 14.03  |
| 03 MDL-SOIL-03-QT3-2024  | 182499              | 7.37  | 787140              | 10.13  | 510539              | 14.03  |
| 04 MDL-WATER-03-QT3-2024 | 211102              | 7.37  | 881353              | 10.13  | 578630              | 14.03  |
| 05 MDL-SOIL-03-QT3-2024  | 182830              | 7.37  | 757219              | 10.13  | 502487              | 14.03  |
| 06 MDL-WATER-03-QT3-2024 | 205374              | 7.37  | 878013              | 10.13  | 587912              | 14.03  |

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.: BM081324 SAS No.: BM081324 SDG NO.: BM081324

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 13 2024 12:00AM

Lab File ID: BM047167.D Time Analyzed: 09:29

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

|                          | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|--------------------------|---------------------|-------|---------------------|--------|---------------------|--------|
| 12 HOUR STD              | 212963              | 7.369 | 960183              | 10.13  | 670516              | 14.03  |
| UPPER LIMIT              | 425926              | 7.869 | 1920366             | 10.628 | 1341032             | 14.527 |
| LOWER LIMIT              | 106481.5            | 6.869 | 480091.5            | 9.628  | 335258              | 13.527 |
| EPA SAMPLE NO.           |                     |       |                     |        |                     |        |
| 01 PB162549BL            | 221837              | 7.38  | 827896              | 10.13  | 537882              | 14.03  |
| 02 PB162553BL            | 266916              | 7.37  | 1.05641e            | 10.13  | 676276              | 14.03  |
| 03 MDL-SOIL-03-QT3-2024  | 182499              | 7.37  | 787140              | 10.13  | 510539              | 14.03  |
| 04 MDL-WATER-03-QT3-2024 | 211102              | 7.37  | 881353              | 10.13  | 578630              | 14.03  |
| 05 MDL-SOIL-03-QT3-2024  | 182830              | 7.37  | 757219              | 10.13  | 502487              | 14.03  |
| 06 MDL-WATER-03-QT3-2024 | 205374              | 7.37  | 878013              | 10.13  | 587912              | 14.03  |

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.: BM081324 SAS No.: BM081324 SDG NO.: BM081324

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 13 2024 12:00AM

Lab File ID: BM047144.D Time Analyzed: 09:29

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

|                          | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|--------------------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD              | 1.90156e+01         | 16.792 | 1.67411e+01         | 21.033 | 2.01924e+01         | 23.727 |
| UPPER LIMIT              | 3803120             | 17.292 | 3348220             | 21.533 | 4038480             | 24.227 |
| LOWER LIMIT              | 950780              | 16.292 | 837055              | 20.533 | 1009620             | 23.227 |
| EPA SAMPLE NO.           |                     |        |                     |        |                     |        |
| 01 PB162549BL            | 1.1303e             | 16.79  | 940749              | 21.03  | 990210 *            | 23.72  |
| 02 PB162553BL            | 1.38782             | 16.79  | 1.1224e+0           | 21.03  | 1.33035e+           | 23.72  |
| 03 MDL-SOIL-03-QT3-2024  | 1.11589             | 16.79  | 1.0907e+0           | 21.03  | 1.35864e+           | 23.72  |
| 04 MDL-WATER-03-QT3-2024 | 1.25833             | 16.79  | 1.20551e+           | 21.03  | 1.46742e+           | 23.72  |
| 05 MDL-SOIL-03-QT3-2024  | 1.12423             | 16.79  | 1.14095e+           | 21.03  | 1.39045e+           | 23.72  |
| 06 MDL-WATER-03-QT3-2024 | 1.29565             | 16.79  | 1.224e+00           | 21.03  | 1.41964e+           | 23.72  |

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.: BM081324 SAS No.: BM081324 SDG NO.: BM081324

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 13 2024 12:00AM

Lab File ID: BM047167.D Time Analyzed: 09:29

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

|                          | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|--------------------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD              | 1.48498e+01         | 16.792 | 1.36412e+01         | 21.027 | 1.66568e+01         | 23.721 |
| UPPER LIMIT              | 2969960             | 17.292 | 2728240             | 21.527 | 3331360             | 24.221 |
| LOWER LIMIT              | 742490              | 16.292 | 682060              | 20.527 | 832840              | 23.221 |
| EPA SAMPLE NO.           |                     |        |                     |        |                     |        |
| 01 PB162549BL            | 1.1303e             | 16.79  | 940749              | 21.03  | 990210              | 23.72  |
| 02 PB162553BL            | 1.38782             | 16.79  | 1.1224e+0           | 21.03  | 1.33035e+           | 23.72  |
| 03 MDL-SOIL-03-QT3-2024  | 1.11589             | 16.79  | 1.0907e+0           | 21.03  | 1.35864e+           | 23.72  |
| 04 MDL-WATER-03-QT3-2024 | 1.25833             | 16.79  | 1.20551e+           | 21.03  | 1.46742e+           | 23.72  |
| 05 MDL-SOIL-03-QT3-2024  | 1.12423             | 16.79  | 1.14095e+           | 21.03  | 1.39045e+           | 23.72  |
| 06 MDL-WATER-03-QT3-2024 | 1.29565             | 16.79  | 1.224e+00           | 21.03  | 1.41964e+           | 23.72  |

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.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162549BL

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BM081324

SAS No.: BM081324 SDG NO.: BM081324

Lab File ID: BM047168.D

Lab Sample ID: PB162549BL

Instrument ID: BNA\_M

Date Extracted: 08/07/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/13/2024

Level: (low/med) LOW

Time Analyzed: 09:29

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

| EPA<br>SAMPLE NO.    | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|----------------------|------------------|----------------|------------------|
| MDL-SOIL-03-QT3-2024 | P3390-03         | BM047170.D     | 08/13/2024       |
| MDL-SOIL-03-QT3-2024 | P3390-03         | BM047172.D     | 08/13/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162553BL

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BM081324

SAS No.: BM081324 SDG NO.: BM081324

Lab File ID: BM047169.D

Lab Sample ID: PB162553BL

Instrument ID: BNA\_M

Date Extracted: 08/07/2024

Matrix: (soil/water) Water

Date Analyzed: 08/13/2024

Level: (low/med) LOW

Time Analyzed: 10:09

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

| EPA<br>SAMPLE NO.     | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-----------------------|------------------|----------------|------------------|
| MDL-WATER-03-QT3-2024 | P3390-09         | BM047171.D     | 08/13/2024       |
| MDL-WATER-03-QT3-2024 | P3390-09         | BM047173.D     | 08/13/2024       |

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

## Surrogate Summary

SW-846

SDG No.: **BM081324**

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

Analytical Method: **8270E**

| Lab Sample ID | Client ID      | Datafile   | Parameter            | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|----------------|------------|----------------------|----------------|-----------------|--------------|------|------------|------|
|               |                |            |                      |                |                 |              |      | Low        | High |
| P3390-03      | MDL-SOIL-03-QT | BM047170.D | 2-Fluorophenol       | 150            | 127.87          | 85           |      | 18         | 112  |
|               |                | BM047172.D | 2-Fluorophenol       | 150            | 128.64          | 86           |      | 18         | 112  |
|               |                |            | Phenol-d6            | 150            | 127.03          | 85           |      | 15         | 107  |
|               |                | BM047170.D | Phenol-d6            | 150            | 126.32          | 84           |      | 15         | 107  |
|               |                |            | Nitrobenzene-d5      | 100            | 86.50           | 86           |      | 18         | 107  |
|               |                | BM047172.D | Nitrobenzene-d5      | 100            | 86.98           | 87           |      | 18         | 107  |
|               |                | BM047170.D | 2-Fluorobiphenyl     | 100            | 79.98           | 80           |      | 20         | 109  |
|               |                | BM047172.D | 2-Fluorobiphenyl     | 100            | 81.83           | 82           |      | 20         | 109  |
|               |                |            | 2,4,6-Tribromophenol | 150            | 130.54          | 87           |      | 10         | 116  |
|               |                | BM047170.D | 2,4,6-Tribromophenol | 150            | 131.06          | 87           |      | 10         | 116  |
|               |                |            | Terphenyl-d14        | 100            | 84.36           | 84           |      | 10         | 105  |
|               |                | BM047172.D | Terphenyl-d14        | 100            | 82.39           | 82           |      | 10         | 105  |
| PB162549BL    | PB162549BL     | BM047168.D | 2-Fluorophenol       | 150            | 150.26          | 100          |      | 18         | 112  |
|               |                |            | Phenol-d6            | 150            | 140.13          | 93           |      | 15         | 107  |
|               |                |            | Nitrobenzene-d5      | 100            | 95.03           | 95           |      | 18         | 107  |
|               |                |            | 2-Fluorobiphenyl     | 100            | 93.50           | 93           |      | 20         | 109  |
|               |                |            | 2,4,6-Tribromophenol | 150            | 142.85          | 95           |      | 10         | 116  |
|               |                |            | Terphenyl-d14        | 100            | 115.21          | 115          | *    | 10         | 105  |

## Surrogate Summary

SW-846

SDG No.: **BM081324**

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

Analytical Method: **8270E**

| Lab Sample ID | Client ID      | Datafile   | Parameter            | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|----------------|------------|----------------------|----------------|-----------------|--------------|------|------------|------|
|               |                |            |                      |                |                 |              |      | Low        | High |
| P3390-09      | MDL-WATER-03-C | BM047173.D | 2-Fluorophenol       | 150            | 127.18          | 85           |      | 10         | 139  |
|               |                | BM047171.D | 2-Fluorophenol       | 150            | 127.91          | 85           |      | 10         | 139  |
|               |                |            | Phenol-d6            | 150            | 127.68          | 85           |      | 10         | 134  |
|               |                | BM047173.D | Phenol-d6            | 150            | 127.26          | 85           |      | 10         | 134  |
|               |                |            | Nitrobenzene-d5      | 100            | 85.38           | 85           |      | 49         | 133  |
|               |                | BM047171.D | Nitrobenzene-d5      | 100            | 86.25           | 86           |      | 49         | 133  |
|               |                |            | 2-Fluorobiphenyl     | 100            | 83.01           | 83           |      | 52         | 132  |
|               |                | BM047173.D | 2-Fluorobiphenyl     | 100            | 82.85           | 83           |      | 52         | 132  |
|               |                |            | 2,4,6-Tribromophenol | 150            | 130.14          | 87           |      | 44         | 137  |
|               |                | BM047171.D | 2,4,6-Tribromophenol | 150            | 131.39          | 88           |      | 44         | 137  |
|               |                | BM047173.D | Terphenyl-d14        | 100            | 84.78           | 85           |      | 48         | 125  |
|               |                | BM047171.D | Terphenyl-d14        | 100            | 84.57           | 85           |      | 48         | 125  |
| PB162553BL    | PB162553BL     | BM047169.D | 2-Fluorophenol       | 150            | 108.84          | 73           |      | 10         | 139  |
|               |                |            | Phenol-d6            | 150            | 103.81          | 69           |      | 10         | 134  |
|               |                |            | Nitrobenzene-d5      | 100            | 66.96           | 67           |      | 49         | 133  |
|               |                |            | 2-Fluorobiphenyl     | 100            | 62.06           | 62           |      | 52         | 132  |
|               |                |            | 2,4,6-Tribromophenol | 150            | 91.79           | 61           |      | 44         | 137  |
|               |                |            | Terphenyl-d14        | 100            | 75.84           | 76           |      | 48         | 125  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM081324

Lab Code: CHEM

SAS No.: BM081324

SDG NO.: BM081324

Lab File ID: BM047166.D

DFTPP Injection Date: 08/13/2024

Instrument ID: BNA\_M

DFTPP Injection Time: 08:03

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 36.5                 |
| 68  | Less than 2.0% of mass 69          | 0.6 ( 1.4 ) 1        |
| 69  | Mass 69 relative abundance         | 44.7                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 50.7                 |
| 197 | Less than 2.0% of mass 198         | 0.4                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.7                  |
| 275 | 10.0 - 60.0% of mass 198           | 26.1                 |
| 365 | Greater than 1% of mass 198        | 4.1                  |
| 441 | Present, but less than mass 443    | 9.9                  |
| 442 | Greater than 50% of mass 198       | 61.9                 |
| 443 | 15.0 - 24.0% of mass 442           | 11.9 ( 19.2 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO.     | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-----------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040            | SSTDCCC040       | BM047167.D     | 08/13/2024       | 08:45            |
| PB162549BL            | PB162549BL       | BM047168.D     | 08/13/2024       | 09:29            |
| PB162553BL            | PB162553BL       | BM047169.D     | 08/13/2024       | 10:09            |
| MDL-SOIL-03-QT3-2024  | P3390-03         | BM047170.D     | 08/13/2024       | 11:02            |
| MDL-WATER-03-QT3-2024 | P3390-09         | BM047171.D     | 08/13/2024       | 12:21            |
| MDL-SOIL-03-QT3-2024  | P3390-03         | BM047172.D     | 08/13/2024       | 13:04            |
| MDL-WATER-03-QT3-2024 | P3390-09         | BM047173.D     | 08/13/2024       | 13:47            |
| SSTDCCC040EC          | SSTDCCC040       | BM047174.D     | 08/13/2024       | 14:30            |