

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BN120224 SAS No.: BN120224 SDG No.: BN120224

Instrument ID: BNA\_N Calibration Date/Time: 12/2/2024 1: 20:14

Lab File ID: BN035392.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020347 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-----------------------------|-------|--------|------------|---------|-------|
| 1,4-Dioxane                 | 0.475 | 0.455  | 0.010      | -4.2159 | 40.0  |
| Benzaldehyde                | 0.769 | 0.996  | 0.010      | 29.5827 | 40.0  |
| Pyridine                    | 1.119 | 1.188  | 0.010      | 6.2192  | 40.0  |
| Phenol                      | 1.476 | 1.544  | 0.080      | 4.6366  | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.155 | 1.244  | 0.100      | 7.7089  | 20.0  |
| 2-Chlorophenol              | 1.256 | 1.291  | 0.200      | 2.7548  | 20.0  |
| 2-Methylphenol              | 1.146 | 1.205  | 0.010      | 5.1959  | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 0.913 | 0.959  | 0.010      | 5.0179  | 40.0  |
| Acetophenone                | 1.961 | 2.136  | 0.060      | 8.9175  | 20.0  |
| 4-Methylphenol              | 1.273 | 1.339  | 0.010      | 5.2147  | 20.0  |
| N-Nitroso-di-n-propylamine  | 0.932 | 0.989  | 0.050      | 6.0924  | 30.0  |
| Hexachloroethane            | 0.537 | 0.545  | 0.100      | 1.503   | 20.0  |
| Nitrobenzene                | 0.326 | 0.356  | 0.050      | 9.1293  | 25.0  |
| Isophorone                  | 0.654 | 0.693  | 0.050      | 5.9508  | 25.0  |
| 2-Nitrophenol               | 0.170 | 0.187  | 0.050      | 9.7119  | 25.0  |
| 2,4-Dimethylphenol          | 0.342 | 0.363  | 0.050      | 6.2693  | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.398 | 0.414  | 0.050      | 3.8238  | 20.0  |
| 2,4-Dichlorophenol          | 0.333 | 0.359  | 0.060      | 7.7843  | 20.0  |
| Naphthalene                 | 1.016 | 1.037  | 0.200      | 1.9938  | 20.0  |
| 4-Chloroaniline             | 0.389 | 0.425  | 0.010      | 9.2893  | 40.0  |
| Hexachlorobutadiene         | 0.235 | 0.248  | 0.040      | 5.5524  | 30.0  |
| Caprolactam                 | 0.096 | 0.103  | 0.010      | 7.2869  | 40.0  |
| 4-Chloro-3-methylphenol     | 0.346 | 0.372  | 0.040      | 7.4945  | 25.0  |
| 1-Methylnaphthalene         | 0.776 | 0.825  | 0.100      | 6.3869  | 20.0  |
| 2-Methylnaphthalene         | 0.757 | 0.799  | 0.100      | 5.6098  | 20.0  |
| Hexachlorocyclopentadiene   | 0.296 | 0.319  | 0.010      | 7.6663  | 40.0  |
| 2,4,6-Trichlorophenol       | 0.382 | 0.409  | 0.090      | 7.0593  | 25.0  |
| 2,4,5-Trichlorophenol       | 0.426 | 0.454  | 0.100      | 6.5796  | 25.0  |
| 1,1-Biphenyl                | 1.380 | 1.459  | 0.200      | 5.6713  | 20.0  |
| 2-Chloronaphthalene         | 1.104 | 1.146  | 0.300      | 3.8296  | 20.0  |
| 2-Nitroaniline              | 0.217 | 0.251  | 0.050      | 15.7467 | 40.0  |
| Dimethylphthalate           | 1.437 | 1.517  | 0.300      | 5.6108  | 20.0  |
| 2,6-Dinitrotoluene          | 0.239 | 0.268  | 0.080      | 11.8252 | 30.0  |
| Acenaphthylene              | 1.681 | 1.769  | 0.400      | 5.246   | 20.0  |
| 3-Nitroaniline              | 0.248 | 0.273  | 0.010      | 10.1697 | 40.0  |
| Acenaphthene                | 1.210 | 1.238  | 0.200      | 2.3474  | 20.0  |
| 2,4-Dinitrophenol           | 0.167 | 0.162  | 0.010      | -3.2577 | 40.0  |
| 4-Nitrophenol               | 0.223 | 0.253  | 0.010      | 13.3459 | 40.0  |
| Dibenzofuran                | 1.720 | 1.819  | 0.300      | 5.7111  | 20.0  |

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## SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BN120224 SAS No.: BN120224 SDG No.: BN120224  
Instrument ID: BNA\_N Calibration Date/Time: 12/2/2024 1: 20:14  
Lab File ID: BN035392.D Init. Calib. Date(s): \_\_\_\_\_  
EPA Sample No.: SSTD020347 Init. Calib. Time(s): \_\_\_\_\_  
GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-------------------------------|-------|--------|------------|---------|-------|
| 2,4-Dinitrotoluene            | 0.380 | 0.430  | 0.070      | 13.2961 | 30.0  |
| Diethylphthalate              | 1.404 | 1.515  | 0.300      | 7.9099  | 20.0  |
| Fluorene                      | 1.386 | 1.437  | 0.200      | 3.6881  | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.708 | 0.746  | 0.100      | 5.351   | 20.0  |
| 4-Nitroaniline                | 0.241 | 0.298  | 0.010      | 23.9952 | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.114 | 0.123  | 0.010      | 7.339   | 40.0  |
| N-Nitrosodiphenylamine        | 0.531 | 0.563  | 0.050      | 5.9832  | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.589 | 0.619  | 0.100      | 5.0715  | 20.0  |
| 4-Bromophenyl-phenylether     | 0.202 | 0.213  | 0.070      | 5.2392  | 20.0  |
| Hexachlorobenzene             | 0.240 | 0.253  | 0.050      | 5.2087  | 25.0  |
| Atrazine                      | 0.190 | 0.218  | 0.010      | 15.1048 | 25.0  |
| Pentachlorophenol             | 0.152 | 0.168  | 0.010      | 10.5179 | 40.0  |
| Phenanthrene                  | 1.030 | 1.069  | 0.200      | 3.8551  | 20.0  |
| Pentachlorobenzene            | 0.273 | 0.279  | 0.050      | 2.0895  | 20.0  |
| Anthracene                    | 1.040 | 1.092  | 0.200      | 5.0564  | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.265 | 0.278  | 0.050      | 5.0014  | 20.0  |
| Carbazole                     | 0.865 | 0.987  | 0.050      | 14.1246 | 40.0  |
| Di-n-butylphthalate           | 1.007 | 1.115  | 0.500      | 10.7225 | 25.0  |
| Fluoranthene                  | 1.240 | 1.285  | 0.400      | 3.6891  | 25.0  |
| Pyrene                        | 1.330 | 1.368  | 0.400      | 2.8995  | 25.0  |
| Butylbenzylphthalate          | 0.375 | 0.412  | 0.100      | 9.8173  | 40.0  |
| 3,3-Dichlorobenzidine         | 0.357 | 0.416  | 0.010      | 16.6457 | 40.0  |
| Benzo (a) anthracene          | 1.343 | 1.395  | 0.300      | 3.9026  | 30.0  |
| Chrysene                      | 1.294 | 1.340  | 0.200      | 3.6001  | 30.0  |
| Bis (2-ethylhexyl) phthalate  | 0.591 | 0.646  | 0.200      | 9.3935  | 40.0  |
| Di-n-octyl phthalate          | 0.909 | 0.940  | 0.010      | 3.4107  | 40.0  |
| Benzo (b) fluoranthene        | 1.153 | 1.207  | 0.200      | 4.678   | 25.0  |
| Benzo (k) fluoranthene        | 1.180 | 1.241  | 0.200      | 5.1207  | 25.0  |
| Benzo (a) pyrene              | 1.082 | 1.115  | 0.200      | 3.0533  | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.291 | 1.368  | 0.200      | 5.9612  | 25.0  |
| Dibenzo (a,h) anthracene      | 1.046 | 1.106  | 0.200      | 5.8048  | 30.0  |
| Benzo (g,h,i) perylene        | 0.980 | 1.018  | 0.200      | 3.9419  | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.371 | 0.396  | 0.040      | 6.6228  | 20.0  |
| 1,4-Dioxane-d8                | 0.423 | 0.438  | 0.010      | 3.5277  | 25.0  |
| Pyridine-d5                   | 1.116 | 1.213  | 0.010      | 8.7224  | 40.0  |
| Phenol-d5                     | 1.425 | 1.481  | 0.010      | 3.9774  | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 0.795 | 0.855  | 0.050      | 7.5549  | 25.0  |
| 2-Chlorophenol-d4             | 1.207 | 1.251  | 0.200      | 3.6197  | 20.0  |
| 4-Methylphenol-d8             | 1.242 | 1.304  | 0.010      | 4.9819  | 20.0  |

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BN120224 SAS No.: BN120224 SDG No.: BN120224

Instrument ID: BNA\_N Calibration Date/Time: 12/2/2024 1:20:14

Lab File ID: BN035392.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020347 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D     | MAX%D |
|-------------------------------|-------|--------|------------|--------|-------|
| Nitrobenzene-d5               | 0.130 | 0.142  | 0.050      | 9.3638 | 20.0  |
| 2-Nitrophenol-d4              | 0.150 | 0.164  | 0.050      | 9.158  | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.329 | 0.349  | 0.060      | 6.2399 | 20.0  |
| 4-Chloroaniline-d4            | 0.406 | 0.446  | 0.010      | 9.919  | 40.0  |
| Dimethylphthalate-d6          | 1.436 | 1.532  | 0.300      | 6.6835 | 20.0  |
| Acenaphthylene-d8             | 1.582 | 1.656  | 0.400      | 4.7023 | 20.0  |
| 4-Nitrophenol-d4              | 0.236 | 0.259  | 0.010      | 9.6863 | 40.0  |
| Fluorene-d10                  | 1.240 | 1.289  | 0.100      | 3.9594 | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.105 | 0.113  | 0.010      | 7.0921 | 40.0  |
| Anthracene-d10                | 0.882 | 0.945  | 0.300      | 7.1165 | 20.0  |
| Pyrene-d10                    | 1.056 | 1.092  | 0.300      | 3.3437 | 25.0  |
| Benzo(a)pyrene-d12            | 0.968 | 1.033  | 0.010      | 6.6591 | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BN120224 SAS No.: BN120224 SDG No.: BN120224

Instrument ID: BNA\_N Calibration Date/Time: 12/3/2024 1:00:46

Lab File ID: BN035398.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020348 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-----------------------------|-------|--------|------------|---------|-------|
| 1,4-Dioxane                 | 0.475 | 0.457  | 0.010      | -3.7863 | 50.0  |
| Benzaldehyde                | 0.769 | 1.011  | 0.010      | 31.5674 | 50.0  |
| Pyridine                    | 1.119 | 1.241  | 0.010      | 10.9143 | 50.0  |
| Phenol                      | 1.476 | 1.594  | 0.080      | 8.0092  | 50.0  |
| Bis(2-Chloroethyl)ether     | 1.155 | 1.233  | 0.100      | 6.6992  | 50.0  |
| 2-Chlorophenol              | 1.256 | 1.309  | 0.200      | 4.1863  | 50.0  |
| 2-Methylphenol              | 1.146 | 1.228  | 0.010      | 7.1789  | 50.0  |
| 2,2-oxybis(1-Chloropropane) | 0.913 | 0.977  | 0.010      | 7.056   | 50.0  |
| Acetophenone                | 1.961 | 2.170  | 0.060      | 10.6501 | 50.0  |
| 4-Methylphenol              | 1.273 | 1.406  | 0.010      | 10.408  | 50.0  |
| N-Nitroso-di-n-propylamine  | 0.932 | 1.010  | 0.050      | 8.3839  | 50.0  |
| Hexachloroethane            | 0.537 | 0.544  | 0.100      | 1.427   | 50.0  |
| Nitrobenzene                | 0.326 | 0.348  | 0.050      | 6.4904  | 50.0  |
| Isophorone                  | 0.654 | 0.692  | 0.050      | 5.807   | 50.0  |
| 2-Nitrophenol               | 0.170 | 0.184  | 0.050      | 8.2184  | 50.0  |
| 2,4-Dimethylphenol          | 0.342 | 0.361  | 0.050      | 5.706   | 50.0  |
| Bis(2-Chloroethoxy)methane  | 0.398 | 0.412  | 0.050      | 3.4844  | 50.0  |
| 2,4-Dichlorophenol          | 0.333 | 0.356  | 0.060      | 7.0907  | 50.0  |
| Naphthalene                 | 1.016 | 1.053  | 0.200      | 3.6384  | 50.0  |
| 4-Chloroaniline             | 0.389 | 0.433  | 0.010      | 11.2882 | 50.0  |
| Hexachlorobutadiene         | 0.235 | 0.242  | 0.040      | 3.0782  | 50.0  |
| Caprolactam                 | 0.096 | 0.104  | 0.010      | 8.4982  | 50.0  |
| 4-Chloro-3-methylphenol     | 0.346 | 0.364  | 0.040      | 5.1657  | 50.0  |
| 1-Methylnaphthalene         | 0.776 | 0.806  | 0.100      | 3.819   | 50.0  |
| 2-Methylnaphthalene         | 0.757 | 0.798  | 0.100      | 5.4239  | 50.0  |
| Hexachlorocyclopentadiene   | 0.296 | 0.307  | 0.010      | 3.6191  | 50.0  |
| 2,4,6-Trichlorophenol       | 0.382 | 0.411  | 0.090      | 7.6362  | 50.0  |
| 2,4,5-Trichlorophenol       | 0.426 | 0.446  | 0.100      | 4.8208  | 50.0  |
| 1,1-Biphenyl                | 1.380 | 1.413  | 0.200      | 2.3764  | 50.0  |
| 2-Chloronaphthalene         | 1.104 | 1.137  | 0.300      | 2.967   | 50.0  |
| 2-Nitroaniline              | 0.217 | 0.243  | 0.050      | 11.9002 | 50.0  |
| Dimethylphthalate           | 1.437 | 1.521  | 0.300      | 5.9014  | 50.0  |
| 2,6-Dinitrotoluene          | 0.239 | 0.265  | 0.080      | 10.6934 | 50.0  |
| Acenaphthylene              | 1.681 | 1.755  | 0.400      | 4.4329  | 50.0  |
| 3-Nitroaniline              | 0.248 | 0.273  | 0.010      | 9.8813  | 50.0  |
| Acenaphthene                | 1.210 | 1.251  | 0.200      | 3.4288  | 50.0  |
| 2,4-Dinitrophenol           | 0.167 | 0.159  | 0.010      | -4.8908 | 50.0  |
| 4-Nitrophenol               | 0.223 | 0.248  | 0.010      | 10.8516 | 50.0  |
| Dibenzofuran                | 1.720 | 1.774  | 0.300      | 3.0943  | 50.0  |

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BN120224 SAS No.: BN120224 SDG No.: BN120224

Instrument ID: BNA\_N Calibration Date/Time: 12/3/2024 1:00:46

Lab File ID: BN035398.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020348 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D      | MAX%D |
|-------------------------------|-------|--------|---------|---------|-------|
| 2,4-Dinitrotoluene            | 0.380 | 0.427  | 0.070   | 12.3785 | 50.0  |
| Diethylphthalate              | 1.404 | 1.477  | 0.300   | 5.2277  | 50.0  |
| Fluorene                      | 1.386 | 1.458  | 0.200   | 5.1908  | 50.0  |
| 4-Chlorophenyl-phenylether    | 0.708 | 0.739  | 0.100   | 4.408   | 50.0  |
| 4-Nitroaniline                | 0.241 | 0.296  | 0.010   | 23.2382 | 50.0  |
| 4,6-Dinitro-2-methylphenol    | 0.114 | 0.126  | 0.010   | 10.577  | 50.0  |
| N-Nitrosodiphenylamine        | 0.531 | 0.567  | 0.050   | 6.7829  | 50.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.589 | 0.603  | 0.100   | 2.3221  | 50.0  |
| 4-Bromophenyl-phenylether     | 0.202 | 0.215  | 0.070   | 6.2737  | 50.0  |
| Hexachlorobenzene             | 0.240 | 0.251  | 0.050   | 4.6055  | 50.0  |
| Atrazine                      | 0.190 | 0.215  | 0.010   | 13.2688 | 50.0  |
| Pentachlorophenol             | 0.152 | 0.168  | 0.010   | 10.1128 | 50.0  |
| Phenanthrene                  | 1.030 | 1.088  | 0.200   | 5.6456  | 50.0  |
| Pentachlorobenzene            | 0.273 | 0.289  | 0.050   | 5.8163  | 50.0  |
| Anthracene                    | 1.040 | 1.105  | 0.200   | 6.3061  | 50.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.265 | 0.280  | 0.050   | 5.765   | 50.0  |
| Carbazole                     | 0.865 | 1.003  | 0.050   | 15.9533 | 50.0  |
| Di-n-butylphthalate           | 1.007 | 1.118  | 0.500   | 10.9768 | 50.0  |
| Fluoranthene                  | 1.240 | 1.283  | 0.400   | 3.5139  | 50.0  |
| Pyrene                        | 1.330 | 1.359  | 0.400   | 2.1813  | 50.0  |
| Butylbenzylphthalate          | 0.375 | 0.395  | 0.100   | 5.279   | 50.0  |
| 3,3-Dichlorobenzidine         | 0.357 | 0.394  | 0.010   | 10.4752 | 50.0  |
| Benzo (a) anthracene          | 1.343 | 1.358  | 0.300   | 1.1632  | 50.0  |
| Chrysene                      | 1.294 | 1.300  | 0.200   | 0.4541  | 50.0  |
| Bis(2-ethylhexyl)phthalate    | 0.591 | 0.626  | 0.200   | 5.911   | 50.0  |
| Di-n-octyl phthalate          | 0.909 | 0.888  | 0.010   | -2.329  | 50.0  |
| Benzo (b) fluoranthene        | 1.153 | 1.190  | 0.200   | 3.2582  | 50.0  |
| Benzo (k) fluoranthene        | 1.180 | 1.233  | 0.200   | 4.438   | 50.0  |
| Benzo (a) pyrene              | 1.082 | 1.137  | 0.200   | 5.116   | 50.0  |
| Indeno (1,2,3-cd) pyrene      | 1.291 | 1.386  | 0.200   | 7.3763  | 50.0  |
| Dibenzo (a,h) anthracene      | 1.046 | 1.121  | 0.200   | 7.2367  | 50.0  |
| Benzo (g,h,i) perylene        | 0.980 | 1.030  | 0.200   | 5.1293  | 50.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.371 | 0.387  | 0.040   | 4.377   | 50.0  |
| 1,4-Dioxane-d8                | 0.423 | 0.462  | 0.010   | 9.0485  | 50.0  |
| Pyridine-d5                   | 1.116 | 1.216  | 0.010   | 8.9562  | 50.0  |
| Phenol-d5                     | 1.425 | 1.519  | 0.010   | 6.5882  | 50.0  |
| Bis- (2-Chloroethyl) ether-d8 | 0.795 | 0.858  | 0.050   | 7.983   | 50.0  |
| 2-Chlorophenol-d4             | 1.207 | 1.278  | 0.200   | 5.8123  | 50.0  |
| 4-Methylphenol-d8             | 1.242 | 1.331  | 0.010   | 7.1554  | 50.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BN120224 SAS No.: BN120224 SDG No.: BN120224

Instrument ID: BNA\_N Calibration Date/Time: 12/3/2024 1:00:46

Lab File ID: BN035398.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020348 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-------------------------------|-------|--------|------------|---------|-------|
| Nitrobenzene-d5               | 0.130 | 0.137  | 0.050      | 5.7914  | 50.0  |
| 2-Nitrophenol-d4              | 0.150 | 0.162  | 0.050      | 7.4857  | 50.0  |
| 2,4-Dichlorophenol-d3         | 0.329 | 0.353  | 0.060      | 7.3741  | 50.0  |
| 4-Chloroaniline-d4            | 0.406 | 0.449  | 0.010      | 10.6781 | 50.0  |
| Dimethylphthalate-d6          | 1.436 | 1.500  | 0.300      | 4.4223  | 50.0  |
| Acenaphthylene-d8             | 1.582 | 1.679  | 0.400      | 6.159   | 50.0  |
| 4-Nitrophenol-d4              | 0.236 | 0.258  | 0.010      | 9.2753  | 50.0  |
| Fluorene-d10                  | 1.240 | 1.291  | 0.100      | 4.1166  | 50.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.105 | 0.110  | 0.010      | 4.2925  | 50.0  |
| Anthracene-d10                | 0.882 | 0.943  | 0.300      | 6.9419  | 50.0  |
| Pyrene-d10                    | 1.056 | 1.077  | 0.300      | 1.9116  | 50.0  |
| Benzo(a)pyrene-d12            | 0.968 | 1.028  | 0.010      | 6.1085  | 50.0  |

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BN120224 SAS No.: BN120224 SDG No.: BN120224

Instrument ID: BNA\_N Calibration Date/Time: 12/2/2024 1:18:17

Lab File ID: BN035390.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SICV237 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFICV | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.475 | 0.419  | 0.010   | -11.6548 | 40.0  |
| Benzaldehyde                | 0.769 | 0.747  | 0.010   | -2.8286  | 40.0  |
| Pyridine                    | 1.119 | 1.064  | 0.010   | -4.8947  | 40.0  |
| Phenol                      | 1.476 | 1.490  | 0.080   | 0.9827   | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.155 | 1.198  | 0.100   | 3.729    | 20.0  |
| 2-Chlorophenol              | 1.256 | 1.256  | 0.200   | -0.0461  | 20.0  |
| 2-Methylphenol              | 1.146 | 1.189  | 0.010   | 3.7984   | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 0.913 | 0.939  | 0.010   | 2.8782   | 40.0  |
| Acetophenone                | 1.961 | 2.102  | 0.060   | 7.213    | 20.0  |
| 4-Methylphenol              | 1.273 | 1.314  | 0.010   | 3.2016   | 20.0  |
| N-Nitroso-di-n-propylamine  | 0.932 | 0.981  | 0.050   | 5.2672   | 30.0  |
| Hexachloroethane            | 0.537 | 0.527  | 0.100   | -1.8512  | 20.0  |
| Nitrobenzene                | 0.326 | 0.334  | 0.050   | 2.2415   | 25.0  |
| Isophorone                  | 0.654 | 0.660  | 0.050   | 0.8766   | 25.0  |
| 2-Nitrophenol               | 0.170 | 0.172  | 0.050   | 0.6885   | 25.0  |
| 2,4-Dimethylphenol          | 0.342 | 0.296  | 0.050   | -13.2152 | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.398 | 0.390  | 0.050   | -2.0595  | 20.0  |
| 2,4-Dichlorophenol          | 0.333 | 0.325  | 0.060   | -2.26    | 20.0  |
| Naphthalene                 | 1.016 | 0.987  | 0.200   | -2.8873  | 20.0  |
| 4-Chloroaniline             | 0.389 | 0.429  | 0.010   | 10.3319  | 40.0  |
| Hexachlorobutadiene         | 0.235 | 0.227  | 0.040   | -3.2171  | 30.0  |
| Caprolactam                 | 0.096 | 0.103  | 0.010   | 6.9331   | 40.0  |
| 4-Chloro-3-methylphenol     | 0.346 | 0.353  | 0.040   | 1.8818   | 25.0  |
| 1-Methylnaphthalene         | 0.776 | 0.732  | 0.100   | -5.7251  | 20.0  |
| 2-Methylnaphthalene         | 0.757 | 0.774  | 0.100   | 2.3263   | 20.0  |
| Hexachlorocyclopentadiene   | 0.296 | 0.271  | 0.010   | -8.5014  | 40.0  |
| 2,4,6-Trichlorophenol       | 0.382 | 0.383  | 0.090   | 0.1145   | 25.0  |
| 2,4,5-Trichlorophenol       | 0.426 | 0.414  | 0.100   | -2.7698  | 25.0  |
| 1,1-Biphenyl                | 1.380 | 1.356  | 0.200   | -1.7826  | 20.0  |
| 2-Chloronaphthalene         | 1.104 | 1.085  | 0.300   | -1.7304  | 20.0  |
| 2-Nitroaniline              | 0.217 | 0.240  | 0.050   | 10.6294  | 40.0  |
| Dimethylphthalate           | 1.437 | 1.418  | 0.300   | -1.2812  | 20.0  |
| 2,6-Dinitrotoluene          | 0.239 | 0.290  | 0.080   | 21.0719  | 30.0  |
| Acenaphthylene              | 1.681 | 1.708  | 0.400   | 1.6183   | 20.0  |
| 3-Nitroaniline              | 0.248 | 0.286  | 0.010   | 15.1241  | 40.0  |
| Acenaphthene                | 1.210 | 1.180  | 0.200   | -2.4736  | 20.0  |
| 2,4-Dinitrophenol           | 0.167 | 0.162  | 0.010   | -3.1924  | 40.0  |
| 4-Nitrophenol               | 0.223 | 0.236  | 0.010   | 5.7958   | 40.0  |
| Dibenzofuran                | 1.720 | 1.713  | 0.300   | -0.4513  | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BN120224 SAS No.: BN120224 SDG No.: BN120224

Instrument ID: BNA\_N Calibration Date/Time: 12/2/2024 1:18:17

Lab File ID: BN035390.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SICV237 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFICV | MIN<br>RRF | %D      | MAX%D |
|-------------------------------|-------|--------|------------|---------|-------|
| 2,4-Dinitrotoluene            | 0.380 | 0.412  | 0.070      | 8.4432  | 30.0  |
| Diethylphthalate              | 1.404 | 1.394  | 0.300      | -0.6938 | 20.0  |
| Fluorene                      | 1.386 | 1.355  | 0.200      | -2.222  | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.708 | 0.692  | 0.100      | -2.2808 | 20.0  |
| 4-Nitroaniline                | 0.241 | 0.304  | 0.010      | 26.3132 | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.114 | 0.120  | 0.010      | 4.5915  | 40.0  |
| N-Nitrosodiphenylamine        | 0.531 | 0.548  | 0.050      | 3.1348  | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.589 | 0.571  | 0.100      | -3.2015 | 20.0  |
| 4-Bromophenyl-phenylether     | 0.202 | 0.202  | 0.070      | -0.3401 | 20.0  |
| Hexachlorobenzene             | 0.240 | 0.235  | 0.050      | -2.1598 | 25.0  |
| Atrazine                      | 0.190 | 0.195  | 0.010      | 2.5891  | 25.0  |
| Pentachlorophenol             | 0.152 | 0.158  | 0.010      | 3.71    | 40.0  |
| Phenanthrene                  | 1.030 | 1.005  | 0.200      | -2.4036 | 20.0  |
| Pentachlorobenzene            | 0.273 | 0.265  | 0.050      | -3.0366 | 20.0  |
| Anthracene                    | 1.040 | 1.023  | 0.200      | -1.59   | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.265 | 0.246  | 0.050      | -7.286  | 20.0  |
| Carbazole                     | 0.865 | 0.943  | 0.050      | 9.0289  | 40.0  |
| Di-n-butylphthalate           | 1.007 | 1.037  | 0.500      | 2.9864  | 25.0  |
| Fluoranthene                  | 1.240 | 1.209  | 0.400      | -2.521  | 25.0  |
| Pyrene                        | 1.330 | 1.283  | 0.400      | -3.4816 | 25.0  |
| Butylbenzylphthalate          | 0.375 | 0.384  | 0.100      | 2.5963  | 40.0  |
| 3,3-Dichlorobenzidine         | 0.357 | 0.433  | 0.010      | 21.5065 | 40.0  |
| Benzo (a) anthracene          | 1.343 | 1.307  | 0.300      | -2.6719 | 30.0  |
| Chrysene                      | 1.294 | 1.232  | 0.200      | -4.769  | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.591 | 0.620  | 0.200      | 4.9297  | 40.0  |
| Di-n-octyl phthalate          | 0.909 | 0.901  | 0.010      | -0.9484 | 40.0  |
| Benzo (b) fluoranthene        | 1.153 | 1.163  | 0.200      | 0.8745  | 25.0  |
| Benzo (k) fluoranthene        | 1.180 | 1.116  | 0.200      | -5.4338 | 25.0  |
| Benzo (a) pyrene              | 1.082 | 1.097  | 0.200      | 1.391   | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.291 | 1.282  | 0.200      | -0.6712 | 25.0  |
| Dibenzo (a,h) anthracene      | 1.046 | 1.035  | 0.200      | -1.0325 | 30.0  |
| Benzo (g,h,i) perylene        | 0.980 | 0.926  | 0.200      | -5.4703 | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.371 | 0.390  | 0.040      | 5.1296  | 20.0  |
| 1,4-Dioxane-d8                | 0.423 | 0.403  | 0.010      | -4.8746 | 25.0  |
| Pyridine-d5                   | 1.116 | 1.179  | 0.010      | 5.7021  | 40.0  |
| Phenol-d5                     | 1.425 | 1.476  | 0.010      | 3.5902  | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 0.795 | 0.907  | 0.050      | 14.0906 | 25.0  |
| 2-Chlorophenol-d4             | 1.207 | 1.220  | 0.200      | 1.0594  | 20.0  |
| 4-Methylphenol-d8             | 1.242 | 1.280  | 0.010      | 3.0657  | 20.0  |



7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BN120224 SAS No.: BN120224 SDG No.: BN120224

Instrument ID: BNA\_N Calibration Date/Time: 12/2/2024 1:18:17

Lab File ID: BN035390.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SICV237 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFICV | MIN<br>RRF | %D      | MAX%D |
|-------------------------------|-------|--------|------------|---------|-------|
| Nitrobenzene-d5               | 0.130 | 0.135  | 0.050      | 3.862   | 20.0  |
| 2-Nitrophenol-d4              | 0.150 | 0.153  | 0.050      | 2.0049  | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.329 | 0.333  | 0.060      | 1.3277  | 20.0  |
| 4-Chloroaniline-d4            | 0.406 | 0.436  | 0.010      | 7.4927  | 40.0  |
| Dimethylphthalate-d6          | 1.436 | 1.488  | 0.300      | 3.6354  | 20.0  |
| Acenaphthylene-d8             | 1.582 | 1.593  | 0.400      | 0.7514  | 20.0  |
| 4-Nitrophenol-d4              | 0.236 | 0.250  | 0.010      | 5.7311  | 40.0  |
| Fluorene-d10                  | 1.240 | 1.221  | 0.100      | -1.5642 | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.105 | 0.107  | 0.010      | 1.788   | 40.0  |
| Anthracene-d10                | 0.882 | 0.887  | 0.300      | 0.561   | 20.0  |
| Pyrene-d10                    | 1.056 | 1.044  | 0.300      | -1.1599 | 25.0  |
| Benzo(a)pyrene-d12            | 0.968 | 0.987  | 0.010      | 1.957   | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 11/19/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/19/2024 12:00:00 AM |
| Client Sample ID:  | SBLK114                | SDG No.:        | BN120224               |
| Lab Sample ID:     | PB165114BL             | Matrix:         | Water                  |
| Analytical Method: | SFAM_SVOC              | % 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 |
| BN035391.D        | 1         | 11/19/2024 12:00:00 AM | 12/2/2024 12:00:00 AM | PB165114      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.31  | U         | 0.31 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 0.85  | U         | 0.85 | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.7   | U         | 1.7  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 2.1   | U         | 2.1  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 0.89  | U         | 0.89 | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.7   | U         | 1.7  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1.9   | U         | 1.9  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 11/19/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/19/2024 12:00:00 AM |
| Client Sample ID:  | SBLK114                | SDG No.:        | BN120224               |
| Lab Sample ID:     | PB165114BL             | Matrix:         | Water                  |
| Analytical Method: | SFAM_SVOC              | % 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 |
| BN035391.D        | 1         | 11/19/2024 12:00:00 AM | 12/2/2024 12:00:00 AM | PB165114      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1.9   | U         | 1.9  | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.86  | U         | 0.86 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.9   | U         | 1.9  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 1.9   | U         | 1.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.9   | U         | 1.9  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 0.6   | U         | 0.6  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.7   | U         | 1.7  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 2.7   | U         | 2.7  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.9   | U         | 1.9  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 1.7   | U         | 1.7  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.75  | U         | 0.75 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 2     | U         | 2    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 1.7   | U         | 1.7  | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 11/19/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/19/2024 12:00:00 AM |
| Client Sample ID:  | SBLK114                | SDG No.:        | BN120224               |
| Lab Sample ID:     | PB165114BL             | Matrix:         | Water                  |
| Analytical Method: | SFAM_SVOC              | % 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 |
| BN035391.D        | 1         | 11/19/2024 12:00:00 AM | 12/2/2024 12:00:00 AM | PB165114      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.3    | U         | 1.3    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 2.2    | U         | 2.2    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.8    | U         | 1.8    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.559  |           | 15-120 |     | 69         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 28.886 |           | 20-120 |     | 72         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 28.934 |           | 10-130 |     | 72         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 30.498 |           | 25-120 |     | 76         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 29.056 |           | 20-130 |     | 73         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 28.593 |           | 25-125 |     | 71         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 31.441 |           | 20-125 |     | 79         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 32.703 |           | 20-130 |     | 82         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.392 |           | 20-120 |     | 71         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 31.118 |           | 1-146  |     | 78         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 31.607 |           | 25-130 |     | 79         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 30.539 |           | 10-130 |     | 76         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 28.718 |           | 10-150 |     | 72         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 30.436 |           | 25-125 |     | 76         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 11/19/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/19/2024 12:00:00 AM |
| Client Sample ID:  | SBLK114                | SDG No.:        | BN120224               |
| Lab Sample ID:     | PB165114BL             | Matrix:         | Water                  |
| Analytical Method: | SFAM_SVOC              | % 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 |
| BN035391.D        | 1         | 11/19/2024 12:00:00 AM | 12/2/2024 12:00:00 AM | PB165114      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 26.088 |           | 10-130 |     | 65         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 30.629 |           | 25-130 |     | 77         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 28.863 |           | 15-130 |     | 72         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 30.957 |           | 20-130 |     | 77         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 82949  | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 345053 | 10.052    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 262143 | 13.963    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 600250 | 16.728    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 650884 | 20.98     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 735971 | 23.651    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.9    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 11/20/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/20/2024 12:00:00 AM |
| Client Sample ID:  | SBLK140      | SDG No.:        | BN120224               |
| Lab Sample ID:     | PB165140BL   | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                      |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BN035393.D        | 1         | 11/20/2024 12:00:00 AM | 12/2/2024 12:00:00 AM | PB165140      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 12    | U         | 12  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 48    | U         | 48  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 12    | U         | 12  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 45    | U         | 45  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 35    | U         | 35  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 22    | U         | 22  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 39    | U         | 39  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 29    | U         | 29  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 59    | U         | 59  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 41    | U         | 41  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 37    | U         | 37  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 16    | U         | 16  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 36    | U         | 36  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 30    | U         | 30  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 8.5   | U         | 8.5 | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 31    | U         | 31  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 44    | U         | 44  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 40    | U         | 40  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 36    | U         | 36  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 19    | U         | 19  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 37    | U         | 37  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 19    | U         | 19  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 49    | U         | 49  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 11/20/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/20/2024 12:00:00 AM |
| Client Sample ID:  | SBLK140      | SDG No.:        | BN120224               |
| Lab Sample ID:     | PB165140BL   | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                      |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BN035393.D        | 1         | 11/20/2024 12:00:00 AM | 12/2/2024 12:00:00 AM | PB165140      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 46    | U         | 46  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 44    | U         | 44  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 22    | U         | 22  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 38    | U         | 38  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 46    | U         | 46  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 14    | U         | 14  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 32    | U         | 32  | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 11    | U         | 11  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 40    | U         | 40  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 13    | U         | 13  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 58    | U         | 58  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 48    | U         | 48  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 16    | U         | 16  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 39    | U         | 39  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 99    | U         | 99  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 11    | U         | 11  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 38    | U         | 38  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 53    | U         | 53  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 36    | U         | 36  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 47    | U         | 47  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 5.6   | U         | 5.6 | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 61    | U         | 61  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 57    | U         | 57  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 45    | U         | 45  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 11/20/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/20/2024 12:00:00 AM |
| Client Sample ID:  | SBLK140      | SDG No.:        | BN120224               |
| Lab Sample ID:     | PB165140BL   | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                      |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BN035393.D        | 1         | 11/20/2024 12:00:00 AM | 12/2/2024 12:00:00 AM | PB165140      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 46     | U         | 46     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 43     | U         | 43     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 25     | U         | 25     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 39     | U         | 39     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 46     | U         | 46     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 43     | U         | 43     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 43     | U         | 43     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 48     | U         | 48     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 58     | U         | 58     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 57     | U         | 57     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 45     | U         | 45     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 52     | U         | 52     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 46     | U         | 46     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 52     | U         | 52     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 6.908  |           | 15-120 |      | 86         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 34.246 |           | 20-120 |      | 86         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 35.753 |           | 10-130 |      | 89         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 37.366 |           | 10-150 |      | 93         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 35.295 |           | 15-120 |      | 88         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 35.634 |           | 10-140 |      | 89         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 37.324 |           | 10-135 |      | 93         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 38.707 |           | 10-120 |      | 97         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 34.357 |           | 10-140 |      | 86         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 36.265 |           | 1-145  |      | 91         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 38.054 |           | 10-145 |      | 95         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 36.777 |           | 15-120 |      | 92         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 34.631 |           | 10-150 |      | 87         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 36.969 |           | 20-140 |      | 92         | SPK: -40 |



## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 11/20/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/20/2024 12:00:00 AM |
| Client Sample ID:  | SBLK140      | SDG No.:        | BN120224               |
| Lab Sample ID:     | PB165140BL   | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                      |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BN035393.D        | 1         | 11/20/2024 12:00:00 AM | 12/2/2024 12:00:00 AM | PB165140      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 31.149 |           | 10-130 |     | 78         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 37.028 |           | 10-150 |     | 93         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 35.643 |           | 10-130 |     | 89         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 38.678 |           | 10-140 |     | 97         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 62439  | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 269676 | 10.051    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 204043 | 13.957    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 470077 | 16.728    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 498602 | 20.974    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 567501 | 23.651    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 46     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |               |                 |                        |
|--------------------|---------------|-----------------|------------------------|
| Client:            |               | Date Collected: | 11/20/2024 12:00:00 AM |
| Project:           |               | Date Received:  | 11/20/2024 12:00:00 AM |
| Client Sample ID:  | SBLK141       | SDG No.:        | BN120224               |
| Lab Sample ID:     | PB165141BL    | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC     | % Moisture:     | 0                      |
| Sample Wt/Vol:     | 1.01 Units: g | Final Vol:      | 500 uL                 |
| Soil Aliquot Vol:  | 100 uL        | Test:           |                        |
| Extraction Type :  | Decanted :    | Level :         | MED                    |
| Injection Volume : | GPC Factor :  | GPC Cleanup :   | PH :                   |

|                   |           |                        |                       |               |
|-------------------|-----------|------------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed         | Prep Batch ID |
| BN035394.D        | 1         | 11/20/2024 12:00:00 AM | 12/2/2024 12:00:00 AM | PB165141      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 350   | U         | 350  | 200  | 2000       | ug/Kg |
| 100-52-7       | Benzaldehyde                | 1400  | U         | 1400 | 2500 | 9900       | ug/Kg |
| 110-86-1       | Pyridine                    | 210   | U         | 210  | 4900 | 9900       | ug/Kg |
| 108-95-2       | Phenol                      | 1300  | U         | 1300 | 2500 | 9900       | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 870   | U         | 870  | 2500 | 9900       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 650   | U         | 650  | 1300 | 5000       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1200  | U         | 1200 | 2500 | 9900       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 830   | U         | 830  | 2500 | 9900       | ug/Kg |
| 98-86-2        | Acetophenone                | 1700  | U         | 1700 | 2500 | 9900       | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 1300  | U         | 1300 | 2500 | 9900       | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 950   | U         | 950  | 1300 | 5000       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 410   | U         | 410  | 1300 | 5000       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 910   | U         | 910  | 1300 | 5000       | ug/Kg |
| 78-59-1        | Isophorone                  | 1200  | U         | 1200 | 1300 | 5000       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1100  | U         | 1100 | 1300 | 5000       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 280   | U         | 280  | 1300 | 5000       | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 910   | U         | 910  | 1300 | 5000       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 930   | U         | 930  | 1300 | 5000       | ug/Kg |
| 91-20-3        | Naphthalene                 | 1100  | U         | 1100 | 1300 | 5000       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 1300  | U         | 1300 | 1300 | 9900       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 720   | U         | 720  | 1300 | 5000       | ug/Kg |
| 105-60-2       | Caprolactam                 | 1500  | U         | 1500 | 2500 | 9900       | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1200  | U         | 1200 | 1300 | 5000       | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 510   | U         | 510  | 1300 | 5000       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1200  | U         | 1200 | 1300 | 5000       | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 660   | U         | 660  | 2500 | 9900       | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1600  | U         | 1600 | 1300 | 5000       | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1400  | U         | 1400 | 1300 | 5000       | ug/Kg |

## Report of Analysis

|                    |                       |                 |                        |
|--------------------|-----------------------|-----------------|------------------------|
| Client:            |                       | Date Collected: | 11/20/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 11/20/2024 12:00:00 AM |
| Client Sample ID:  | SBLK141               | SDG No.:        | BN120224               |
| Lab Sample ID:     | PB165141BL            | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                      |
| Sample Wt/Vol:     | 1.01      Units:    g | Final Vol:      | 500              uL    |
| Soil Aliquot Vol:  | 100              uL   | Test:           |                        |
| Extraction Type :  | Decanted :            | Level :         | MED                    |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                   |

|                   |           |                        |                       |               |
|-------------------|-----------|------------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed         | Prep Batch ID |
| BN035394.D        | 1         | 11/20/2024 12:00:00 AM | 12/2/2024 12:00:00 AM | PB165141      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1400  | U         | 1400 | 1300 | 5000       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 1400  | U         | 1400 | 1300 | 5000       | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 440   | U         | 440  | 1300 | 5000       | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 1200  | U         | 1200 | 1300 | 5000       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 600   | U         | 600  | 1300 | 5000       | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1500  | U         | 1500 | 1300 | 5000       | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 240   | U         | 240  | 2500 | 9900       | ug/Kg |
| 83-32-9    | Acenaphthene               | 1500  | U         | 1500 | 1300 | 5000       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 790   | U         | 790  | 2500 | 9900       | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 190   | U         | 190  | 2500 | 9900       | ug/Kg |
| 132-64-9   | Dibenzofuran               | 1400  | U         | 1400 | 1300 | 5000       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 330   | U         | 330  | 1300 | 5000       | ug/Kg |
| 84-66-2    | Diethylphthalate           | 1300  | U         | 1300 | 1300 | 5000       | ug/Kg |
| 86-73-7    | Fluorene                   | 1800  | U         | 1800 | 1300 | 5000       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1600  | U         | 1600 | 1300 | 5000       | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 550   | U         | 550  | 2500 | 9900       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1200  | U         | 1200 | 2500 | 9900       | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1500  | U         | 1500 | 1300 | 5000       | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1400  | U         | 1400 | 1300 | 5000       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 2800  | U         | 2800 | 1300 | 5000       | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1500  | U         | 1500 | 1300 | 5000       | ug/Kg |
| 1912-24-9  | Atrazine                   | 280   | U         | 280  | 2500 | 9900       | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 1200  | U         | 1200 | 2500 | 9900       | ug/Kg |
| 85-01-8    | Phenanthrene               | 1700  | U         | 1700 | 1300 | 5000       | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 1100  | U         | 1100 | 1300 | 5000       | ug/Kg |
| 120-12-7   | Anthracene                 | 1600  | U         | 1600 | 1300 | 5000       | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 290   | U         | 290  | 1300 | 5000       | ug/Kg |
| 86-74-8    | Carbazole                  | 1900  | U         | 1900 | 2500 | 9900       | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1800  | U         | 1800 | 1300 | 5000       | ug/Kg |
| 206-44-0   | Fluoranthene               | 1300  | U         | 1300 | 2500 | 5000       | ug/Kg |

## Report of Analysis

|                    |               |                 |                        |
|--------------------|---------------|-----------------|------------------------|
| Client:            |               | Date Collected: | 11/20/2024 12:00:00 AM |
| Project:           |               | Date Received:  | 11/20/2024 12:00:00 AM |
| Client Sample ID:  | SBLK141       | SDG No.:        | BN120224               |
| Lab Sample ID:     | PB165141BL    | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC     | % Moisture:     | 0                      |
| Sample Wt/Vol:     | 1.01 Units: g | Final Vol:      | 500 uL                 |
| Soil Aliquot Vol:  | 100 uL        | Test:           |                        |
| Extraction Type :  | Decanted :    | Level :         | MED                    |
| Injection Volume : | GPC Factor :  | GPC Cleanup :   | PH :                   |

|                   |           |                        |                       |               |
|-------------------|-----------|------------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed         | Prep Batch ID |
| BN035394.D        | 1         | 11/20/2024 12:00:00 AM | 12/2/2024 12:00:00 AM | PB165141      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1200   | U         | 1200   | 1300 | 5000       | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1200   | U         | 1200   | 1300 | 5000       | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 750    | U         | 750    | 2500 | 9900       | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1100   | U         | 1100   | 1300 | 5000       | ug/Kg    |
| 218-01-9          | Chrysene                    | 1200   | U         | 1200   | 1300 | 5000       | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1200   | U         | 1200   | 1300 | 5000       | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1400   | U         | 1400   | 2500 | 9900       | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1700   | U         | 1700   | 1300 | 5000       | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1800   | U         | 1800   | 1300 | 5000       | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1700   | U         | 1700   | 1300 | 5000       | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1600   | U         | 1600   | 1300 | 5000       | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1700   | U         | 1700   | 1300 | 5000       | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1700   | U         | 1700   | 1300 | 5000       | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1600   | U         | 1600   | 1300 | 5000       | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 6.776  |           | 15-120 |      | 85         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 31.82  |           | 20-120 |      | 80         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 31.792 |           | 10-130 |      | 79         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 33.249 |           | 10-150 |      | 83         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 31.758 |           | 15-120 |      | 79         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 31.032 |           | 10-140 |      | 78         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 32.72  |           | 10-135 |      | 82         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 33.151 |           | 10-120 |      | 83         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 29.843 |           | 10-140 |      | 75         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 32.056 |           | 1-145  |      | 80         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 33.6   |           | 10-145 |      | 84         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 32.107 |           | 15-120 |      | 80         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 30.324 |           | 10-150 |      | 76         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 32.331 |           | 20-140 |      | 81         | SPK: -40 |

## Report of Analysis

|                    |               |                 |                        |
|--------------------|---------------|-----------------|------------------------|
| Client:            |               | Date Collected: | 11/20/2024 12:00:00 AM |
| Project:           |               | Date Received:  | 11/20/2024 12:00:00 AM |
| Client Sample ID:  | SBLK141       | SDG No.:        | BN120224               |
| Lab Sample ID:     | PB165141BL    | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC     | % Moisture:     | 0                      |
| Sample Wt/Vol:     | 1.01 Units: g | Final Vol:      | 500 uL                 |
| Soil Aliquot Vol:  | 100 uL        | Test:           |                        |
| Extraction Type :  | Decanted :    | Level :         | MED                    |
| Injection Volume : | GPC Factor :  | GPC Cleanup :   | PH :                   |

|                   |           |                        |                       |               |
|-------------------|-----------|------------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed         | Prep Batch ID |
| BN035394.D        | 1         | 11/20/2024 12:00:00 AM | 12/2/2024 12:00:00 AM | PB165141      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 26.545 |           | 10-130 |     | 66         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 32.807 |           | 10-150 |     | 82         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 31.321 |           | 10-130 |     | 78         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 33.06  |           | 10-140 |     | 83         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 64114  | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 279996 | 10.052    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 218621 | 13.963    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 510886 | 16.728    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 542459 | 20.975    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 610632 | 23.651    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1400   | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | MDL-WATER-QT4-2024-07 | SDG No.:        | BN120224              |
| Lab Sample ID:     | P4776-01              | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC             | % 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 |
| BN035395.D        | 1         | 11/19/2024 12:00:00 AM | 12/2/2024 12:00:00 AM | PB165114      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | J         | 0.31 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 4.8   | J         | 1.4  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 4.2   | J         | 0.85 | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 4.4   | J         | 1.7  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 4.4   | J         | 1.5  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 4.3   | J         | 1.1  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 3.9   | J         | 1.5  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 4.4   | J         | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 4.6   | J         | 2.1  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 4.2   | J         | 1.6  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 4.1   | J         | 1.4  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 4.3   | J         | 0.89 | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 4.3   | J         | 1.3  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 4     | J         | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 4     | J         | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 3     | J         | 0.72 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 4.3   | J         | 1.4  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 4.3   | J         | 1.4  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 4.5   | J         | 1.5  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 4.4   | J         | 1.7  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 4.6   | J         | 1.1  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 3.4   | J         | 1.3  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 3.8   | J         | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 4     | J         | 0.97 | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 4.4   | J         | 1.5  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 4.8   | J         | 1.4  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 4     | J         | 1.9  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 4     | J         | 1.7  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | MDL-WATER-QT4-2024-07 | SDG No.:        | BN120224              |
| Lab Sample ID:     | P4776-01              | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC             | % 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 |
| BN035395.D        | 1         | 11/19/2024 12:00:00 AM | 12/2/2024 12:00:00 AM | PB165114      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 4.4   | J         | 1.9  | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 4.4   | J         | 1.8  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 3.2   | J         | 1.2  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 4.2   | J         | 1.6  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 3.2   | J         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 4.5   | J         | 1.8  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 2.9   | J         | 0.86 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 4.4   | J         | 1.9  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 5.9   | J         | 1.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 3.9   | J         | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 4.6   | J         | 1.7  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 3.7   | J         | 0.97 | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 4.2   | J         | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 4.6   | J         | 2    | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 4.7   | J         | 1.9  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 3.7   | J         | 0.6  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 4.3   | J         | 1.7  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 4.3   | J         | 1.7  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 4.6   | J         | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 4.3   | J         | 2.7  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 4.6   | J         | 1.9  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 4.5   | J         | 1.2  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 7.5   | J         | 1.7  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 4.7   | J         | 1.8  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 4.1   | J         | 1.3  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 4.3   | J         | 1.7  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 4.1   | J         | 0.75 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 4.6   | J         | 2    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 4.1   | J         | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 4.2   | J         | 1.7  | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | MDL-WATER-QT4-2024-07  | SDG No.:        | BN120224              |
| Lab Sample ID:     | P4776-01               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % 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 |
| BN035395.D        | 1         | 11/19/2024 12:00:00 AM | 12/2/2024 12:00:00 AM | PB165114      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 4.5    | J         | 1.7    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 3.7    | J         | 1.5    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 3      | J         | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 4.4    | J         | 1.5    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 4.6    | J         | 1.7    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 3.8    | J         | 1.5    | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 3.5    | J         | 1.3    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 4.5    | J         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 4.3    | J         | 2.2    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 4.2    | J         | 2      | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 4.2    | J         | 1.9    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 4.3    | J         | 2      | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 4.3    | J         | 1.9    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 4.2    | J         | 1.8    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.649  |           | 15-120 |     | 46         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 12.716 |           | 20-120 |     | 32         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 12.685 |           | 10-130 |     | 32         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 13.631 |           | 25-120 |     | 34         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 12.739 |           | 20-130 |     | 32         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 12.172 |           | 25-125 |     | 30         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 12.325 |           | 20-125 |     | 31         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 12.288 |           | 20-130 |     | 31         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 12.327 |           | 20-120 |     | 31         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 12.426 |           | 1-146  |     | 31         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 12.939 |           | 25-130 |     | 32         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 12.985 |           | 10-130 |     | 32         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 11.205 |           | 10-150 |     | 28         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 13.429 |           | 25-125 |     | 34         | SPK: -40 |



## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | MDL-WATER-QT4-2024-07  | SDG No.:        | BN120224              |
| Lab Sample ID:     | P4776-01               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % 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 |
| BN035395.D        | 1         | 11/19/2024 12:00:00 AM | 12/2/2024 12:00:00 AM | PB165114      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 10.231 |           | 10-130 |     | 26         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 13.01  |           | 25-130 |     | 33         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 12.962 |           | 15-130 |     | 32         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 13.458 |           | 20-130 |     | 34         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 69214  | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 295310 | 10.052    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 224898 | 13.963    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 509830 | 16.728    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 539677 | 20.974    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 598969 | 23.651    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.9    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                      |                 |                       |
|--------------------|----------------------|-----------------|-----------------------|
| Client:            |                      | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                      | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | MDL-SOIL-QT4-2024-07 | SDG No.:        | BN120224              |
| Lab Sample ID:     | P4776-03             | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC            | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g          | Final Vol:      | 500 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 |
| BN035396.D        | 1         | 11/20/2024 12:00:00 AM | 12/2/2024 12:00:00 AM | PB165140      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 33    | J         | 12  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 160   | J         | 48  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 140   | J         | 12  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 150   | J         | 45  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 150   | J         | 35  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 140   | J         | 22  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 130   | J         | 39  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 150   | J         | 29  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 150   | J         | 59  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 140   | J         | 41  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 130   | J         | 37  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 140   | J         | 16  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 150   | J         | 27  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 130   | J         | 36  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 140   | J         | 30  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 100   | J         | 8.5 | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 140   | J         | 31  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 140   | J         | 34  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 150   | J         | 33  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 150   | J         | 44  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 150   | J         | 26  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 120   | J         | 40  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 130   | J         | 36  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 130   | J         | 19  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 150   | J         | 37  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 170   | J         | 19  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 140   | J         | 50  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 130   | J         | 49  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |                      |                 |                       |
|--------------------|----------------------|-----------------|-----------------------|
| Client:            |                      | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                      | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | MDL-SOIL-QT4-2024-07 | SDG No.:        | BN120224              |
| Lab Sample ID:     | P4776-03             | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC            | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g          | Final Vol:      | 500 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 |
| BN035396.D        | 1         | 11/20/2024 12:00:00 AM | 12/2/2024 12:00:00 AM | PB165140      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 150   | J         | 46  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 150   | J         | 44  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 120   | J         | 22  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 140   | J         | 38  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 110   | J         | 26  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 150   | J         | 46  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 110   | J         | 14  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 140   | J         | 50  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 210   | J         | 32  | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 140   | J         | 11  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 150   | J         | 40  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 120   | J         | 13  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 140   | J         | 41  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 150   | J         | 58  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 150   | J         | 48  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 120   | J         | 16  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 150   | J         | 39  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 150   | J         | 45  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 150   | J         | 45  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 150   | J         | 99  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 150   | J         | 50  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 150   | J         | 11  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 250   | J         | 38  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 160   | J         | 53  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 140   | J         | 36  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 150   | J         | 47  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 140   | J         | 5.6 | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 160   | J         | 61  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 140   | J         | 57  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 150   | J         | 45  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |                      |                 |                       |
|--------------------|----------------------|-----------------|-----------------------|
| Client:            |                      | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                      | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | MDL-SOIL-QT4-2024-07 | SDG No.:        | BN120224              |
| Lab Sample ID:     | P4776-03             | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC            | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g          | Final Vol:      | 500 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 |
| BN035396.D        | 1         | 11/20/2024 12:00:00 AM | 12/2/2024 12:00:00 AM | PB165140      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 150    | J         | 46     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 130    | J         | 43     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 110    | J         | 25     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 150    | J         | 39     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 150    | J         | 46     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 130    | J         | 43     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 120    | J         | 43     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 160    | J         | 48     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 150    | J         | 58     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 140    | J         | 57     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 140    | J         | 45     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 140    | J         | 52     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 140    | J         | 46     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 130    | J         | 52     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.143  |           | 15-120 |      | 39         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 12.739 |           | 20-120 |      | 32         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 12.61  |           | 10-130 |      | 32         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 13.571 |           | 10-150 |      | 34         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 12.573 |           | 15-120 |      | 31         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 12.148 |           | 10-140 |      | 30         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 12.976 |           | 10-135 |      | 32         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 12.667 |           | 10-120 |      | 32         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 12.67  |           | 10-140 |      | 32         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 12.746 |           | 1-145  |      | 32         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 12.632 |           | 10-145 |      | 32         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 13.065 |           | 15-120 |      | 33         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 12.282 |           | 10-150 |      | 31         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 13.111 |           | 20-140 |      | 33         | SPK: -40 |

## Report of Analysis

|                    |                      |                 |                       |
|--------------------|----------------------|-----------------|-----------------------|
| Client:            |                      | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                      | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | MDL-SOIL-QT4-2024-07 | SDG No.:        | BN120224              |
| Lab Sample ID:     | P4776-03             | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC            | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g          | Final Vol:      | 500 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 |
| BN035396.D        | 1         | 11/20/2024 12:00:00 AM | 12/2/2024 12:00:00 AM | PB165140      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 10.63  |           | 10-130 |     | 27         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 13.177 |           | 10-150 |     | 33         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 12.97  |           | 10-130 |     | 32         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 13.605 |           | 10-140 |     | 34         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 88284  | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 368878 | 10.051    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 278395 | 13.963    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 617006 | 16.728    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 656478 | 20.974    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 741317 | 23.651    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 46     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                          |                 |                       |
|--------------------|--------------------------|-----------------|-----------------------|
| Client:            |                          | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                          | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | MDL-MED-SOIL-QT4-2024-07 | SDG No.:        | BN120224              |
| Lab Sample ID:     | P4776-05                 | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC                | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 1.04 Units: g            | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | 100 uL                   | Test:           |                       |
| Extraction Type :  | Decanted :               | Level :         | MED                   |
| Injection Volume : | GPC Factor :             | GPC Cleanup :   | PH :                  |

|                   |           |                        |                       |               |
|-------------------|-----------|------------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed         | Prep Batch ID |
| BN035397.D        | 1         | 11/20/2024 12:00:00 AM | 12/2/2024 12:00:00 AM | PB165141      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 340   | U         | 340  | 190  | 1900       | ug/Kg |
| 100-52-7       | Benzaldehyde                | 2500  | J         | 1300 | 2400 | 9600       | ug/Kg |
| 110-86-1       | Pyridine                    | 2100  | J         | 200  | 4800 | 9600       | ug/Kg |
| 108-95-2       | Phenol                      | 2100  | J         | 1300 | 2400 | 9600       | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 2300  | J         | 850  | 2400 | 9600       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 2100  | J         | 630  | 1200 | 4800       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 2000  | J         | 1200 | 2400 | 9600       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 2300  | J         | 810  | 2400 | 9600       | ug/Kg |
| 98-86-2        | Acetophenone                | 2300  | J         | 1600 | 2400 | 9600       | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 2100  | J         | 1300 | 2400 | 9600       | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 2100  | J         | 920  | 1200 | 4800       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 2100  | J         | 390  | 1200 | 4800       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 2200  | J         | 880  | 1200 | 4800       | ug/Kg |
| 78-59-1        | Isophorone                  | 2100  | J         | 1200 | 1200 | 4800       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 2000  | J         | 1100 | 1200 | 4800       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 1900  | J         | 270  | 1200 | 4800       | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 2200  | J         | 880  | 1200 | 4800       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 2200  | J         | 900  | 1200 | 4800       | ug/Kg |
| 91-20-3        | Naphthalene                 | 2300  | J         | 1100 | 1200 | 4800       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 2300  | J         | 1300 | 1200 | 9600       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 2200  | J         | 700  | 1200 | 4800       | ug/Kg |
| 105-60-2       | Caprolactam                 | 1900  | J         | 1400 | 2400 | 9600       | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2000  | J         | 1200 | 1200 | 4800       | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 2000  | J         | 500  | 1200 | 4800       | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 2200  | J         | 1200 | 1200 | 4800       | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 2100  | J         | 640  | 2400 | 9600       | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 2000  | J         | 1500 | 1200 | 4800       | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 2000  | J         | 1300 | 1200 | 4800       | ug/Kg |

## Report of Analysis

|                    |                          |                 |                       |
|--------------------|--------------------------|-----------------|-----------------------|
| Client:            |                          | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                          | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | MDL-MED-SOIL-QT4-2024-07 | SDG No.:        | BN120224              |
| Lab Sample ID:     | P4776-05                 | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC                | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 1.04      Units:    g    | Final Vol:      | 500              uL   |
| Soil Aliquot Vol:  | 100              uL      | Test:           |                       |
| Extraction Type :  | Decanted :               | Level :         | MED                   |
| Injection Volume : | GPC Factor :             | GPC Cleanup :   | PH :                  |

|                   |           |                        |                       |               |
|-------------------|-----------|------------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed         | Prep Batch ID |
| BN035397.D        | 1         | 11/20/2024 12:00:00 AM | 12/2/2024 12:00:00 AM | PB165141      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 2200  | J         | 1300 | 1200 | 4800       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 2200  | J         | 1300 | 1200 | 4800       | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 1700  | J         | 420  | 1200 | 4800       | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 2300  | J         | 1200 | 1200 | 4800       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 1700  | J         | 590  | 1200 | 4800       | ug/Kg |
| 208-96-8   | Acenaphthylene             | 2300  | J         | 1400 | 1200 | 4800       | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 1500  | J         | 230  | 2400 | 9600       | ug/Kg |
| 83-32-9    | Acenaphthene               | 2300  | J         | 1400 | 1200 | 4800       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 1700  | J         | 770  | 2400 | 9600       | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 2000  | J         | 180  | 2400 | 9600       | ug/Kg |
| 132-64-9   | Dibenzofuran               | 2300  | J         | 1300 | 1200 | 4800       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 1900  | J         | 320  | 1200 | 4800       | ug/Kg |
| 84-66-2    | Diethylphthalate           | 2200  | J         | 1300 | 1200 | 4800       | ug/Kg |
| 86-73-7    | Fluorene                   | 2400  | J         | 1700 | 1200 | 4800       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 2400  | J         | 1500 | 1200 | 4800       | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 2000  | J         | 540  | 2400 | 9600       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 2100  | J         | 1200 | 2400 | 9600       | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 2200  | J         | 1400 | 1200 | 4800       | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 2300  | J         | 1300 | 1200 | 4800       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 2700  | U         | 2700 | 1200 | 4800       | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 2300  | J         | 1400 | 1200 | 4800       | ug/Kg |
| 1912-24-9  | Atrazine                   | 2200  | J         | 270  | 2400 | 9600       | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 2400  | J         | 1200 | 2400 | 9600       | ug/Kg |
| 85-01-8    | Phenanthrene               | 2300  | J         | 1600 | 1200 | 4800       | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 2100  | J         | 1100 | 1200 | 4800       | ug/Kg |
| 120-12-7   | Anthracene                 | 2300  | J         | 1500 | 1200 | 4800       | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 2000  | J         | 280  | 1200 | 4800       | ug/Kg |
| 86-74-8    | Carbazole                  | 2400  | J         | 1800 | 2400 | 9600       | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 2000  | J         | 1700 | 1200 | 4800       | ug/Kg |
| 206-44-0   | Fluoranthene               | 2200  | J         | 1300 | 2400 | 4800       | ug/Kg |

## Report of Analysis

|                    |                          |                 |                       |
|--------------------|--------------------------|-----------------|-----------------------|
| Client:            |                          | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                          | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | MDL-MED-SOIL-QT4-2024-07 | SDG No.:        | BN120224              |
| Lab Sample ID:     | P4776-05                 | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC                | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 1.04 Units: g            | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | 100 uL                   | Test:           |                       |
| Extraction Type :  | Decanted :               | Level :         | MED                   |
| Injection Volume : | GPC Factor :             | GPC Cleanup :   | PH :                  |

|                   |           |                        |                       |               |
|-------------------|-----------|------------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed         | Prep Batch ID |
| BN035397.D        | 1         | 11/20/2024 12:00:00 AM | 12/2/2024 12:00:00 AM | PB165141      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 2300  | J         | 1200   | 1200 | 4800       | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1900  | J         | 1200   | 1200 | 4800       | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1900  | J         | 730    | 2400 | 9600       | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 2300  | J         | 1100   | 1200 | 4800       | ug/Kg    |
| 218-01-9          | Chrysene                    | 2300  | J         | 1200   | 1200 | 4800       | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1900  | J         | 1200   | 1200 | 4800       | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1600  | J         | 1300   | 2400 | 9600       | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 2100  | J         | 1600   | 1200 | 4800       | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 2100  | J         | 1700   | 1200 | 4800       | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 2100  | J         | 1600   | 1200 | 4800       | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 2000  | J         | 1500   | 1200 | 4800       | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2000  | J         | 1600   | 1200 | 4800       | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 2000  | J         | 1600   | 1200 | 4800       | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 2100  | J         | 1500   | 1200 | 4800       | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 1.692 |           | 15-120 |      | 21         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 6.361 | *         | 20-120 |      | 16         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 6.531 |           | 10-130 |      | 16         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 6.922 |           | 10-150 |      | 17         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 6.452 |           | 15-120 |      | 16         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 6.433 |           | 10-140 |      | 16         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 6.605 |           | 10-135 |      | 17         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 6.595 |           | 10-120 |      | 16         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 6.417 |           | 10-140 |      | 16         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 7     |           | 1-145  |      | 17         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 7.047 |           | 10-145 |      | 18         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 7.002 |           | 15-120 |      | 18         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.013 |           | 10-150 |      | 15         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 7.087 | *         | 20-140 |      | 18         | SPK: -40 |



## Report of Analysis

|                    |                          |                 |                       |
|--------------------|--------------------------|-----------------|-----------------------|
| Client:            |                          | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                          | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | MDL-MED-SOIL-QT4-2024-07 | SDG No.:        | BN120224              |
| Lab Sample ID:     | P4776-05                 | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC                | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 1.04      Units:    g    | Final Vol:      | 500              uL   |
| Soil Aliquot Vol:  | 100              uL      | Test:           |                       |
| Extraction Type :  | Decanted :               | Level :         | MED                   |
| Injection Volume : | GPC Factor :             | GPC Cleanup :   | PH :                  |

|                   |           |                        |                       |               |
|-------------------|-----------|------------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date              | Date Analyzed         | Prep Batch ID |
| BN035397.D        | 1         | 11/20/2024 12:00:00 AM | 12/2/2024 12:00:00 AM | PB165141      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 5.444   |           | 10-130 |     | 14         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 7.129   |           | 10-150 |     | 18         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 6.88    |           | 10-130 |     | 17         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 6.763   |           | 10-140 |     | 17         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 140598  | 7.305     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 594807  | 10.052    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 464124  | 13.963    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1072134 | 16.728    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1113377 | 20.98     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1347757 | 23.657    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1300    | U         |        |     | 99         | ug/Kg    |

### Hit Summary Sheet SW-846

SDG No.: BN120224

Client:

| Sample ID          | Client ID                    | Parameter                   | Concentration | C     | MDL         | RDL | Units |
|--------------------|------------------------------|-----------------------------|---------------|-------|-------------|-----|-------|
| <b>Client ID :</b> | <b>MDL-WATER-QT4-2024-07</b> |                             |               |       |             |     |       |
| P4776-01           | MDL-WATER-QT4-2024 Water     | Total Alkanes               | *             | 0.000 | 1.9         | 5   | ug/L  |
|                    |                              | <b>Total Tics :</b>         |               |       | <b>0.00</b> |     |       |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 1,1-Biphenyl                | 4.400         | J     | 1.9         | 5   | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 1,2,3,4-Tetrachlorobenzene  | 4.100         | J     | 0.75        | 5   | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 1,2,4,5-Tetrachlorobenzene  | 4.600         | J     | 1.8         | 5   | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 1,4-Dioxane                 | 1.200         | J     | 0.31        | 2   | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 1-Methylnaphthalene         | 4.000         | J     | 0.97        | 5   | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 2,2-oxybis(1-Chloropropane) | 4.400         | J     | 1.4         | 10  | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 2,3,4,6-Tetrachlorophenol   | 4.200         | J     | 1.8         | 5   | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 2,4,5-Trichlorophenol       | 4.000         | J     | 1.7         | 5   | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 2,4,6-Trichlorophenol       | 4.000         | J     | 1.9         | 5   | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 2,4-Dichlorophenol          | 4.300         | J     | 1.4         | 5   | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 2,4-Dimethylphenol          | 3.000         | J     | 0.72        | 5   | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 2,4-Dinitrophenol           | 5.900         | J     | 1.9         | 10  | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 2,4-Dinitrotoluene          | 3.700         | J     | 0.97        | 5   | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 2,6-Dinitrotoluene          | 3.200         | J     | 1.3         | 5   | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 2-Chloronaphthalene         | 4.400         | J     | 1.8         | 5   | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 2-Chlorophenol              | 4.300         | J     | 1.1         | 5   | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 2-Methylnaphthalene         | 4.400         | J     | 1.5         | 5   | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 2-Methylphenol              | 3.900         | J     | 1.5         | 10  | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 2-Nitroaniline              | 3.200         | J     | 1.2         | 5   | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 2-Nitrophenol               | 4.000         | J     | 1.4         | 5   | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 3,3-Dichlorobenzidine       | 3.000         | J     | 1.4         | 10  | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 3-Nitroaniline              | 2.900         | J     | 0.86        | 10  | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 4,6-Dinitro-2-methylphenol  | 4.300         | J     | 1.7         | 10  | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 4-Bromophenyl-phenylether   | 4.300         | J     | 2.7         | 5   | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 4-Chloro-3-methylphenol     | 3.800         | J     | 1.4         | 5   | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 4-Chloroaniline             | 4.400         | J     | 1.7         | 10  | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 4-Chlorophenyl-phenylether  | 4.700         | J     | 1.9         | 5   | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 4-Methylphenol              | 4.200         | J     | 1.6         | 10  | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 4-Nitroaniline              | 3.700         | J     | 0.6         | 10  | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | 4-Nitrophenol               | 3.900         | J     | 1.5         | 10  | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | Acenaphthene                | 4.400         | J     | 1.9         | 5   | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | Acenaphthylene              | 4.500         | J     | 1.8         | 5   | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | Acetophenone                | 4.600         | J     | 2.1         | 10  | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | Anthracene                  | 4.300         | J     | 1.7         | 5   | ug/L  |
| P4776-01           | MDL-WATER-QT4-2024 Water     | Atrazine                    | 4.500         | J     | 1.2         | 10  | ug/L  |

### Hit Summary Sheet SW-846

SDG No.: BN120224

Client:

| Sample ID | Client ID                | Parameter                  | Concentration | C | MDL  | RDL | Units |
|-----------|--------------------------|----------------------------|---------------|---|------|-----|-------|
| P4776-01  | MDL-WATER-QT4-2024 Water | Benzaldehyde               | 4.800         | J | 1.4  | 10  | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Benzo(a)anthracene         | 4.400         | J | 1.5  | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Benzo(a)pyrene             | 4.200         | J | 2    | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Benzo(b)fluoranthene       | 4.500         | J | 1.6  | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Benzo(g,h,i)perylene       | 4.300         | J | 1.9  | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Benzo(k)fluoranthene       | 4.300         | J | 2.2  | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Bis(2-Chloroethoxy)methane | 4.300         | J | 1.4  | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Bis(2-Chloroethyl)ether    | 4.400         | J | 1.5  | 10  | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Bis(2-ethylhexyl)phthalate | 3.800         | J | 1.5  | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Butylbenzylphthalate       | 3.700         | J | 1.5  | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Caprolactam                | 3.400         | J | 1.3  | 10  | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Carbazole                  | 4.600         | J | 2    | 10  | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Chrysene                   | 4.600         | J | 1.7  | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Di-n-butylphthalate        | 4.100         | J | 1.7  | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Di-n-octyl phthalate       | 3.500         | J | 1.3  | 10  | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Dibenzo(a,h)anthracene     | 4.300         | J | 2    | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Dibenzofuran               | 4.600         | J | 1.7  | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Diethylphthalate           | 4.200         | J | 1.5  | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Dimethylphthalate          | 4.200         | J | 1.6  | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Fluoranthene               | 4.200         | J | 1.7  | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Fluorene                   | 4.600         | J | 2    | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Hexachlorobenzene          | 4.600         | J | 1.9  | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Hexachlorobutadiene        | 4.600         | J | 1.1  | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Hexachlorocyclopentadiene  | 4.800         | J | 1.4  | 10  | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Hexachloroethane           | 4.300         | J | 0.89 | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Indeno(1,2,3-cd)pyrene     | 4.200         | J | 1.9  | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Isophorone                 | 4.000         | J | 1.4  | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | N-Nitroso-di-n-propylamine | 4.100         | J | 1.4  | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | N-Nitrosodiphenylamine     | 4.300         | J | 1.7  | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Naphthalene                | 4.500         | J | 1.5  | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Nitrobenzene               | 4.300         | J | 1.3  | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Pentachlorobenzene         | 4.100         | J | 1.3  | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Pentachlorophenol          | 7.500         | J | 1.7  | 10  | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Phenanthrene               | 4.700         | J | 1.8  | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Phenol                     | 4.400         | J | 1.7  | 10  | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Pyrene                     | 4.500         | J | 1.7  | 5   | ug/L  |
| P4776-01  | MDL-WATER-QT4-2024 Water | Pyridine                   | 4.200         | J | 0.85 | 10  | ug/L  |

Total Svoc :

302.80

Total Concentration:

302.80

Client ID : MDL-SOIL-QT4-2024-07

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

**SDG No.:** BN120224

**Client:**

| Sample ID | Client ID            | Matrix | Parameter                   | Concentration | C     | MDL         | RDL | Units |
|-----------|----------------------|--------|-----------------------------|---------------|-------|-------------|-----|-------|
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | Total Alkanes               | *             | 0.000 | 46          | 170 | ug/Kg |
|           |                      |        | <b>Total Tics :</b>         |               |       | <b>0.00</b> |     |       |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 1,1-Biphenyl                | 150.000       | J     | 46          | 170 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 1,2,3,4-Tetrachlorobenzene  | 140.000       | J     | 5.6         | 170 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 1,2,4,5-Tetrachlorobenzene  | 150.000       | J     | 45          | 170 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 1,4-Dioxane                 | 33.000        | J     | 12          | 67  | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 1-Methylnaphthalene         | 130.000       | J     | 19          | 170 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 2,2-oxybis(1-Chloropropane) | 150.000       | J     | 29          | 330 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 2,3,4,6-Tetrachlorophenol   | 130.000       | J     | 52          | 170 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 2,4,5-Trichlorophenol       | 130.000       | J     | 49          | 170 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 2,4,6-Trichlorophenol       | 140.000       | J     | 50          | 170 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 2,4-Dichlorophenol          | 140.000       | J     | 34          | 170 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 2,4-Dimethylphenol          | 100.000       | J     | 8.5         | 170 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 2,4-Dinitrophenol           | 210.000       | J     | 32          | 330 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 2,4-Dinitrotoluene          | 120.000       | J     | 13          | 170 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 2,6-Dinitrotoluene          | 110.000       | J     | 26          | 170 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 2-Chloronaphthalene         | 150.000       | J     | 44          | 170 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 2-Chlorophenol              | 140.000       | J     | 22          | 170 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 2-Methylnaphthalene         | 150.000       | J     | 37          | 170 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 2-Methylphenol              | 130.000       | J     | 39          | 330 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 2-Nitroaniline              | 120.000       | J     | 22          | 170 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 2-Nitrophenol               | 140.000       | J     | 30          | 170 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 3,3-Dichlorobenzidine       | 110.000       | J     | 25          | 330 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 3-Nitroaniline              | 110.000       | J     | 14          | 330 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 4,6-Dinitro-2-methylphenol  | 150.000       | J     | 39          | 330 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 4-Bromophenyl-phenylether   | 150.000       | J     | 99          | 170 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 4-Chloro-3-methylphenol     | 130.000       | J     | 36          | 170 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 4-Chloroaniline             | 150.000       | J     | 44          | 330 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 4-Chlorophenyl-phenylether  | 150.000       | J     | 48          | 170 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 4-Methylphenol              | 140.000       | J     | 41          | 330 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 4-Nitroaniline              | 120.000       | J     | 16          | 330 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | 4-Nitrophenol               | 140.000       | J     | 11          | 330 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | Acenaphthene                | 140.000       | J     | 50          | 170 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | Acenaphthylene              | 150.000       | J     | 46          | 170 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | Acetophenone                | 150.000       | J     | 59          | 330 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | Anthracene                  | 150.000       | J     | 47          | 170 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | Atrazine                    | 150.000       | J     | 11          | 330 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | Benzaldehyde                | 160.000       | J     | 48          | 330 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | Benzo(a)anthracene          | 150.000       | J     | 39          | 170 | ug/Kg |
| P4776-03  | MDL-SOIL-QT4-2024-0' | Solid  | Benzo(a)pyrene              | 140.000       | J     | 57          | 170 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BN120224

Client:

| Sample ID            | Client ID                | Matrix | Parameter                  | Concentration | C     | MDL  | RDL  | Units |
|----------------------|--------------------------|--------|----------------------------|---------------|-------|------|------|-------|
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Benzo(b)fluoranthene       | 160.000       | J     | 48   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Benzo(g,h,i)perylene       | 140.000       | J     | 46   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Benzo(k)fluoranthene       | 150.000       | J     | 58   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Bis(2-Chloroethoxy)methane | 140.000       | J     | 31   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Bis(2-Chloroethyl)ether    | 150.000       | J     | 35   | 330  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Bis(2-ethylhexyl)phthalate | 130.000       | J     | 43   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Butylbenzylphthalate       | 130.000       | J     | 43   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Caprolactam                | 120.000       | J     | 40   | 330  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Carbazole                  | 160.000       | J     | 61   | 330  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Chrysene                   | 150.000       | J     | 46   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Di-n-butylphthalate        | 140.000       | J     | 57   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Di-n-octyl phthalate       | 120.000       | J     | 43   | 330  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Dibenzo(a,h)anthracene     | 140.000       | J     | 52   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Dibenzofuran               | 150.000       | J     | 40   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Diethylphthalate           | 140.000       | J     | 41   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Dimethylphthalate          | 140.000       | J     | 38   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Fluoranthene               | 150.000       | J     | 45   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Fluorene                   | 150.000       | J     | 58   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Hexachlorobenzene          | 150.000       | J     | 50   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Hexachlorobutadiene        | 150.000       | J     | 26   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Hexachlorocyclopentadiene  | 170.000       | J     | 19   | 330  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Hexachloroethane           | 140.000       | J     | 16   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Indeno(1,2,3-cd)pyrene     | 140.000       | J     | 45   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Isophorone                 | 130.000       | J     | 36   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | N-Nitroso-di-n-propylamine | 130.000       | J     | 37   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | N-Nitrosodiphenylamine     | 150.000       | J     | 45   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Naphthalene                | 150.000       | J     | 33   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Nitrobenzene               | 150.000       | J     | 27   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Pentachlorobenzene         | 140.000       | J     | 36   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Pentachlorophenol          | 250.000       | J     | 38   | 330  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Phenanthrene               | 160.000       | J     | 53   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Phenol                     | 150.000       | J     | 45   | 330  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Pyrene                     | 150.000       | J     | 46   | 170  | ug/Kg |
| P4776-03             | MDL-SOIL-QT4-2024-0'     | Solid  | Pyridine                   | 140.000       | J     | 12   | 330  | ug/Kg |
| Total Svoc :         |                          |        |                            | 10,213.00     |       |      |      |       |
| Total Concentration: |                          |        |                            | 10,213.00     |       |      |      |       |
|                      |                          |        |                            |               |       |      |      |       |
| Client ID :          | MDL-MED-SOIL-QT4-2024-07 |        |                            |               |       |      |      |       |
| P4776-05             | MDL-MED-SOIL-QT4-2       | Solid  | Total Alkanes              | *             | 0.000 | 1300 | 4800 | ug/Kg |
| Total Tics :         |                          |        |                            | 0.00          |       |      |      |       |
| P4776-05             | MDL-MED-SOIL-QT4-2       | Solid  | 1,1-Biphenyl               | 2,200.000     | J     | 1300 | 4800 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BN120224

Client:

| Sample ID | Client ID          | Matrix | Parameter                   | Concentration | C | MDL  | RDL  | Units |
|-----------|--------------------|--------|-----------------------------|---------------|---|------|------|-------|
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 1,2,3,4-Tetrachlorobenzene  | 2,000.000     | J | 280  | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 1,2,4,5-Tetrachlorobenzene  | 2,300.000     | J | 1300 | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 1-Methylnaphthalene         | 2,000.000     | J | 500  | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 2,2-oxybis(1-Chloropropane) | 2,300.000     | J | 810  | 9600 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 2,3,4,6-Tetrachlorophenol   | 2,100.000     | J | 1500 | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 2,4,5-Trichlorophenol       | 2,000.000     | J | 1300 | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 2,4,6-Trichlorophenol       | 2,000.000     | J | 1500 | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 2,4-Dichlorophenol          | 2,200.000     | J | 900  | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 2,4-Dimethylphenol          | 1,900.000     | J | 270  | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 2,4-Dinitrophenol           | 1,700.000     | J | 770  | 9600 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 2,4-Dinitrotoluene          | 1,900.000     | J | 320  | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 2,6-Dinitrotoluene          | 1,700.000     | J | 590  | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 2-Chloronaphthalene         | 2,200.000     | J | 1300 | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 2-Chlorophenol              | 2,100.000     | J | 630  | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 2-Methylnaphthalene         | 2,200.000     | J | 1200 | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 2-Methylphenol              | 2,000.000     | J | 1200 | 9600 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 2-Nitroaniline              | 1,700.000     | J | 420  | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 2-Nitrophenol               | 2,000.000     | J | 1100 | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 3,3-Dichlorobenzidine       | 1,900.000     | J | 730  | 9600 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 3-Nitroaniline              | 1,500.000     | J | 230  | 9600 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 4,6-Dinitro-2-methylphenol  | 2,100.000     | J | 1200 | 9600 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 4-Chloro-3-methylphenol     | 2,000.000     | J | 1200 | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 4-Chloroaniline             | 2,300.000     | J | 1300 | 9600 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 4-Chlorophenyl-phenylether  | 2,400.000     | J | 1500 | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 4-Methylphenol              | 2,100.000     | J | 1300 | 9600 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 4-Nitroaniline              | 2,000.000     | J | 540  | 9600 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | 4-Nitrophenol               | 2,000.000     | J | 180  | 9600 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | Acenaphthene                | 2,300.000     | J | 1400 | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | Acenaphthylene              | 2,300.000     | J | 1400 | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | Acetophenone                | 2,300.000     | J | 1600 | 9600 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | Anthracene                  | 2,300.000     | J | 1500 | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | Atrazine                    | 2,200.000     | J | 270  | 9600 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | Benzaldehyde                | 2,500.000     | J | 1300 | 9600 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | Benzo(a)anthracene          | 2,300.000     | J | 1100 | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | Benzo(a)pyrene              | 2,100.000     | J | 1600 | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | Benzo(b)fluoranthene        | 2,100.000     | J | 1600 | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | Benzo(g,h,i)perylene        | 2,000.000     | J | 1600 | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | Benzo(k)fluoranthene        | 2,100.000     | J | 1700 | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | Bis(2-Chloroethoxy)methane  | 2,200.000     | J | 880  | 4800 | ug/Kg |
| P4776-05  | MDL-MED-SOIL-QT4-2 | Solid  | Bis(2-Chloroethyl)ether     | 2,300.000     | J | 850  | 9600 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BN120224

Client:

| Sample ID            | Client ID          | Matrix | Parameter                  | Concentration | C | MDL  | RDL  | Units |
|----------------------|--------------------|--------|----------------------------|---------------|---|------|------|-------|
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Bis(2-ethylhexyl)phthalate | 1,900.000     | J | 1200 | 4800 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Butylbenzylphthalate       | 1,900.000     | J | 1200 | 4800 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Caprolactam                | 1,900.000     | J | 1400 | 9600 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Carbazole                  | 2,400.000     | J | 1800 | 9600 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Chrysene                   | 2,300.000     | J | 1200 | 4800 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Di-n-butylphthalate        | 2,000.000     | J | 1700 | 4800 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Di-n-octyl phthalate       | 1,600.000     | J | 1300 | 9600 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Dibenzo(a,h)anthracene     | 2,000.000     | J | 1600 | 4800 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Dibenzofuran               | 2,300.000     | J | 1300 | 4800 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Diethylphthalate           | 2,200.000     | J | 1300 | 4800 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Dimethylphthalate          | 2,300.000     | J | 1200 | 4800 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Fluoranthene               | 2,200.000     | J | 1300 | 4800 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Fluorene                   | 2,400.000     | J | 1700 | 4800 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Hexachlorobenzene          | 2,300.000     | J | 1400 | 4800 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Hexachlorobutadiene        | 2,200.000     | J | 700  | 4800 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Hexachlorocyclopentadiene  | 2,100.000     | J | 640  | 9600 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Hexachloroethane           | 2,100.000     | J | 390  | 4800 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Indeno(1,2,3-cd)pyrene     | 2,000.000     | J | 1500 | 4800 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Isophorone                 | 2,100.000     | J | 1200 | 4800 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | N-Nitroso-di-n-propylamine | 2,100.000     | J | 920  | 4800 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | N-Nitrosodiphenylamine     | 2,200.000     | J | 1400 | 4800 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Naphthalene                | 2,300.000     | J | 1100 | 4800 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Nitrobenzene               | 2,200.000     | J | 880  | 4800 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Pentachlorobenzene         | 2,100.000     | J | 1100 | 4800 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Pentachlorophenol          | 2,400.000     | J | 1200 | 9600 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Phenanthrene               | 2,300.000     | J | 1600 | 4800 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Phenol                     | 2,100.000     | J | 1300 | 9600 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Pyrene                     | 2,300.000     | J | 1200 | 4800 | ug/Kg |
| P4776-05             | MDL-MED-SOIL-QT4-2 | Solid  | Pyridine                   | 2,100.000     | J | 200  | 9600 | ug/Kg |
| Total Svoc :         |                    |        |                            | 148,100.00    |   |      |      |       |
| Total Concentration: |                    |        |                            | 148,100.00    |   |      |      |       |





6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BN120224

SAS No.: BN120224

SDG No.: BN120224

Instrument ID:

Calibration Date(s): 12/2/2024

Calibration Time(s): 13:03

|                            |        |                     |        |                     |        |                     |       |       |
|----------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
| LAB FILE ID:               |        | RRFAL1 = BN035384.D |        | RRFAL2 = BN035385.D |        | RRFAL3 = BN035386.D |       |       |
|                            |        | RRFAL4 = BN035387.D |        | RRFAL5 = BN035388.D |        | RRFAL6 = BN035389.D |       |       |
| COMPOUND                   | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4              | RRFAL5 | RRFAL6              | RRF   | % RSD |
| 1,4-Dioxane                | 0.587  | 0.458               | 0.481  | 0.431               | 0.417  |                     | 0.475 | 14.2  |
| Benzaldehyde               |        | 0.949               | 0.985  | 0.805               | 0.630  | 0.473               | 0.769 | 28.2  |
| Pyridine                   |        | 1.113               | 1.192  | 1.149               | 1.106  | 1.034               | 1.119 | 5.2   |
| Hexachloroethane           | 0.590  | 0.501               | 0.547  | 0.528               | 0.518  |                     | 0.537 | 6.3   |
| Nitrobenzene               | 0.333  | 0.294               | 0.348  | 0.337               | 0.320  |                     | 0.326 | 6.4   |
| Isophorone                 | 0.706  | 0.592               | 0.699  | 0.653               | 0.620  |                     | 0.654 | 7.6   |
| 2-Nitrophenol              | 0.164  | 0.144               | 0.185  | 0.182               | 0.177  |                     | 0.170 | 9.7   |
| 2,4-Dimethylphenol         | 0.380  | 0.312               | 0.364  | 0.332               | 0.321  |                     | 0.342 | 8.5   |
| Bis(2-Chloroethoxy)methane | 0.450  | 0.376               | 0.415  | 0.386               | 0.365  |                     | 0.398 | 8.6   |
| 2,4-Dichlorophenol         | 0.363  | 0.302               | 0.352  | 0.332               | 0.314  |                     | 0.333 | 7.6   |
| Naphthalene                | 1.184  | 0.969               | 1.050  | 0.965               | 0.914  |                     | 1.016 | 10.4  |
| 4-Chloroaniline            |        | 0.379               | 0.432  | 0.401               | 0.381  | 0.351               | 0.389 | 7.7   |
| Hexachlorobutadiene        | 0.264  | 0.227               | 0.241  | 0.228               | 0.213  |                     | 0.235 | 8.2   |
| Phenol                     |        | 1.438               | 1.576  | 1.498               | 1.469  | 1.396               | 1.476 | 4.6   |
| Caprolactam                |        | 0.082               | 0.103  | 0.102               | 0.102  | 0.091               | 0.096 | 9.5   |
| 4-Chloro-3-methylphenol    | 0.379  | 0.315               | 0.368  | 0.341               | 0.329  |                     | 0.346 | 7.6   |
| 1-Methylnaphthalene        | 0.909  | 0.740               | 0.811  | 0.740               | 0.679  |                     | 0.776 | 11.3  |
| 2-Methylnaphthalene        | 0.881  | 0.717               | 0.799  | 0.725               | 0.663  |                     | 0.757 | 11.2  |
| Hexachlorocyclopentadiene  |        | 0.252               | 0.309  | 0.309               | 0.310  | 0.300               | 0.296 | 8.4   |
| 2,4,6-Trichlorophenol      | 0.399  | 0.350               | 0.405  | 0.389               | 0.369  |                     | 0.382 | 6.0   |
| 2,4,5-Trichlorophenol      | 0.443  | 0.397               | 0.453  | 0.429               | 0.407  |                     | 0.426 | 5.5   |
| 1,1-Biphenyl               | 1.631  | 1.325               | 1.424  | 1.309               | 1.212  |                     | 1.380 | 11.5  |
| 2-Chloronaphthalene        | 1.295  | 1.053               | 1.165  | 1.039               | 0.968  |                     | 1.104 | 11.6  |
| 2-Nitroaniline             | 0.185  | 0.173               | 0.233  | 0.243               | 0.251  |                     | 0.217 | 16.2  |
| Bis(2-Chloroethyl)ether    |        | 1.168               | 1.246  | 1.180               | 1.131  | 1.051               | 1.155 | 6.2   |
| Dimethylphthalate          | 1.651  | 1.357               | 1.507  | 1.382               | 1.287  |                     | 1.437 | 10.0  |
| 2,6-Dinitrotoluene         | 0.200  | 0.191               | 0.261  | 0.272               | 0.273  |                     | 0.239 | 16.9  |
| Acenaphthylene             | 1.960  | 1.610               | 1.770  | 1.572               | 1.492  |                     | 1.681 | 11.1  |
| 3-Nitroaniline             |        | 0.210               | 0.271  | 0.264               | 0.251  | 0.243               | 0.248 | 9.5   |
| Acenaphthene               | 1.416  | 1.178               | 1.260  | 1.142               | 1.053  |                     | 1.210 | 11.3  |
| 2,4-Dinitrophenol          |        | 0.102               | 0.159  | 0.184               | 0.192  | 0.200               | 0.167 | 23.8  |
| 4-Nitrophenol              |        | 0.192               | 0.240  | 0.231               | 0.227  | 0.227               | 0.223 | 8.2   |
| Dibenzofuran               | 2.081  | 1.679               | 1.801  | 1.595               | 1.446  |                     | 1.720 | 13.9  |
| 2,4-Dinitrotoluene         | 0.351  | 0.330               | 0.422  | 0.408               | 0.389  |                     | 0.380 | 10.2  |
| Diethylphthalate           | 1.587  | 1.304               | 1.493  | 1.358               | 1.279  |                     | 1.404 | 9.4   |
| 2-Chlorophenol             | 1.346  | 1.189               | 1.286  | 1.257               | 1.204  |                     | 1.256 | 5.1   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN120224SAS No.: BN120224SDG No.: BN120224

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

Calibration Date(s): 12/2/2024 :Calibration Time(s): 13:03

| LAB FILE ID:                 |        | RRFAL1 = BN035384.D |        | RRFAL2 = BN035385.D |        | RRFAL3 = BN035386.D |       |       |
|------------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
|                              |        | RRFAL4 = BN035387.D |        | RRFAL5 = BN035388.D |        | RRFAL6 = BN035389.D |       |       |
| COMPOUND                     | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4              | RRFAL5 | RRFAL6              | RRF   | % RSD |
| Fluorene                     | 1.741  | 1.367               | 1.459  | 1.259               | 1.103  |                     | 1.386 | 17.2  |
| 4-Chlorophenyl-phenylether   | 0.890  | 0.713               | 0.735  | 0.645               | 0.557  |                     | 0.708 | 17.4  |
| 4-Nitroaniline               |        | 0.230               | 0.282  | 0.253               | 0.229  | 0.208               | 0.241 | 11.8  |
| 4,6-Dinitro-2-methylphenol   |        | 0.094               | 0.123  | 0.122               | 0.118  | 0.115               | 0.114 | 10.4  |
| N-Nitrosodiphenylamine       | 0.607  | 0.503               | 0.568  | 0.508               | 0.470  |                     | 0.531 | 10.4  |
| 1,2,4,5-Tetrachlorobenzene   | 0.664  | 0.565               | 0.617  | 0.574               | 0.527  |                     | 0.589 | 8.9   |
| 4-Bromophenyl-phenylether    | 0.228  | 0.192               | 0.217  | 0.194               | 0.180  |                     | 0.202 | 9.6   |
| Hexachlorobenzene            | 0.278  | 0.227               | 0.258  | 0.229               | 0.209  |                     | 0.240 | 11.4  |
| Atrazine                     |        | 0.179               | 0.217  | 0.201               | 0.185  | 0.167               | 0.190 | 10.3  |
| Pentachlorophenol            |        | 0.135               | 0.169  | 0.162               | 0.155  | 0.142               | 0.152 | 9.0   |
| 2-Methylphenol               |        | 1.085               | 1.211  | 1.176               | 1.153  | 1.103               | 1.146 | 4.5   |
| Phenanthrene                 | 1.224  | 1.006               | 1.085  | 0.963               | 0.871  |                     | 1.030 | 12.9  |
| Pentachlorobenzene           | 0.319  | 0.256               | 0.288  | 0.262               | 0.240  |                     | 0.273 | 11.2  |
| Anthracene                   | 1.239  | 1.028               | 1.096  | 0.959               | 0.876  |                     | 1.040 | 13.3  |
| 1,2,3,4-Tetrachlorobenzene   | 0.293  | 0.245               | 0.283  | 0.257               | 0.248  |                     | 0.265 | 8.1   |
| Carbazole                    |        | 0.899               | 0.995  | 0.896               | 0.815  | 0.721               | 0.865 | 11.9  |
| Di-n-butylphthalate          | 1.067  | 0.920               | 1.083  | 1.013               | 0.951  |                     | 1.007 | 7.1   |
| Fluoranthene                 | 1.384  | 1.159               | 1.325  | 1.215               | 1.117  |                     | 1.240 | 9.0   |
| Pyrene                       | 1.554  | 1.279               | 1.383  | 1.261               | 1.171  |                     | 1.330 | 11.0  |
| Butylbenzylphthalate         | 0.356  | 0.309               | 0.393  | 0.401               | 0.414  |                     | 0.375 | 11.3  |
| 3,3-Dichlorobenzidine        |        | 0.310               | 0.403  | 0.394               | 0.362  | 0.314               | 0.357 | 12.2  |
| 2,2-oxybis (1-Chloropropane) |        | 0.930               | 0.980  | 0.943               | 0.879  | 0.833               | 0.913 | 6.3   |
| Benzo (a) anthracene         | 1.573  | 1.287               | 1.399  | 1.280               | 1.175  |                     | 1.343 | 11.3  |
| Chrysene                     | 1.520  | 1.239               | 1.374  | 1.215               | 1.121  |                     | 1.294 | 12.0  |
| Bis (2-ethylhexyl) phthalate | 0.572  | 0.510               | 0.630  | 0.614               | 0.629  |                     | 0.591 | 8.6   |
| Di-n-octyl phthalate         |        | 0.704               | 0.899  | 0.926               | 0.953  | 1.064               | 0.909 | 14.4  |
| Benzo (b) fluoranthene       | 1.281  | 1.058               | 1.255  | 1.114               | 1.056  |                     | 1.153 | 9.4   |
| Benzo (k) fluoranthene       | 1.345  | 1.150               | 1.249  | 1.111               | 1.047  |                     | 1.180 | 10.0  |
| Benzo (a) pyrene             | 1.207  | 1.026               | 1.151  | 1.044               | 0.981  |                     | 1.082 | 8.7   |
| Indeno (1,2,3-cd) pyrene     | 1.417  | 1.191               | 1.347  | 1.279               | 1.220  |                     | 1.291 | 7.2   |
| Dibenzo (a,h) anthracene     | 1.144  | 0.972               | 1.114  | 1.024               | 0.975  |                     | 1.046 | 7.6   |
| Benzo (g,h,i) perylene       | 1.076  | 0.906               | 1.012  | 0.974               | 0.929  |                     | 0.980 | 6.9   |
| Acetophenone                 |        | 2.062               | 2.142  | 2.031               | 1.864  | 1.706               | 1.961 | 8.9   |
| 2,3,4,6-Tetrachlorophenol    | 0.404  | 0.349               | 0.393  | 0.370               | 0.339  |                     | 0.371 | 7.4   |
| 1,4-Dioxane-d8               | 0.472  | 0.430               | 0.430  | 0.396               | 0.388  |                     | 0.423 | 7.8   |
| Pyridine-d5                  |        | 1.094               | 1.192  | 1.153               | 1.097  | 1.041               | 1.116 | 5.2   |

All other compounds must meet a minimum RRF of 0.010.



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## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BN120224 SAS No.: BN120224 SDG No.: BN120224  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 12/2/2024 : \_\_\_\_\_  
Calibration Time(s): 13:03 \_\_\_\_\_

|                             |        |                     |        |        |                     |        |                     |       |
|-----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:                |        | RRFAL1 = BN035384.D |        |        | RRFAL2 = BN035385.D |        | RRFAL3 = BN035386.D |       |
|                             |        | RRFAL4 = BN035387.D |        |        | RRFAL5 = BN035388.D |        | RRFAL6 = BN035389.D |       |
| COMPOUND                    | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4 | RRFAL5              | RRFAL6 | RRF                 | % RSD |
| Phenol-d5                   |        | 1.330               | 1.498  | 1.457  | 1.439               | 1.400  | 1.425               | 4.5   |
| Bis-(2-Chloroethyl)ether-d8 |        | 0.795               | 0.845  | 0.815  | 0.789               | 0.729  | 0.795               | 5.4   |
| 2-Chlorophenol-d4           | 1.233  | 1.128               | 1.245  | 1.227  | 1.204               |        | 1.207               | 3.9   |
| 4-Methylphenol-d8           |        | 1.177               | 1.325  | 1.274  | 1.234               | 1.198  | 1.242               | 4.8   |
| Nitrobenzene-d5             | 0.122  | 0.111               | 0.137  | 0.140  | 0.139               |        | 0.130               | 9.7   |
| 2-Nitrophenol-d4            | 0.136  | 0.126               | 0.158  | 0.164  | 0.168               |        | 0.150               | 12.3  |
| 2,4-Dichlorophenol-d3       | 0.345  | 0.297               | 0.351  | 0.335  | 0.316               |        | 0.329               | 6.8   |
| 4-Chloroaniline-d4          |        | 0.385               | 0.450  | 0.420  | 0.400               | 0.374  | 0.406               | 7.4   |
| 4-Methylphenol              |        | 1.266               | 1.379  | 1.323  | 1.241               | 1.156  | 1.273               | 6.6   |
| Dimethylphthalate-d6        | 1.622  | 1.352               | 1.515  | 1.394  | 1.298               |        | 1.436               | 9.1   |
| Acenaphthylene-d8           | 1.804  | 1.495               | 1.667  | 1.514  | 1.428               |        | 1.582               | 9.6   |
| 4-Nitrophenol-d4            |        | 0.194               | 0.256  | 0.250  | 0.243               | 0.239  | 0.236               | 10.5  |
| Fluorene-d10                | 1.466  | 1.209               | 1.295  | 1.174  | 1.057               |        | 1.240               | 12.3  |
| 4,6-Dinitro-2-methylphenol- |        | 0.079               | 0.110  | 0.112  | 0.113               | 0.114  | 0.105               | 14.1  |
| Anthracene-d10              | 1.014  | 0.857               | 0.938  | 0.839  | 0.763               |        | 0.882               | 10.9  |
| Pyrene-d10                  | 1.192  | 0.982               | 1.131  | 1.022  | 0.955               |        | 1.056               | 9.6   |
| Benzo(a)pyrene-d12          | 1.055  | 0.894               | 1.024  | 0.948  | 0.922               |        | 0.968               | 7.1   |
| N-Nitroso-di-n-propylamine  | 0.999  | 0.872               | 0.975  | 0.936  | 0.878               |        | 0.932               | 6.1   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN120224 SAS No.: BN120224 SDG NO.: BN120224

EPA Sample No.: SSTD020233 Date Analyzed: Dec 2 2024 12:00AM

Lab File ID: BN035386.D Time Analyzed: 18:17

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

|                             | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|-----------------------------|---------------------|-------|---------------------|--------|---------------------|--------|
| 12 HOUR STD                 | 85865               | 7.305 | 368396              | 10.05  | 281180              | 13.96  |
| UPPER LIMIT                 | 171730              | 7.805 | 736792              | 10.552 | 562360              | 14.463 |
| LOWER LIMIT                 | 42932.5             | 6.805 | 184198              | 9.552  | 140590              | 13.463 |
| EPA SAMPLE NO.              |                     |       |                     |        |                     |        |
| 01 SICV237                  | 69958               | 7.30  | 309819              | 10.05  | 243465              | 13.96  |
| 02 SBLK114                  | 82949               | 7.30  | 345053              | 10.05  | 262143              | 13.96  |
| 03 SBLK140                  | 62439               | 7.30  | 269676              | 10.05  | 204043              | 13.96  |
| 04 SBLK141                  | 64114               | 7.30  | 279996              | 10.05  | 218621              | 13.96  |
| 05 MDL-WATER-QT4-2024-07    | 69214               | 7.30  | 295310              | 10.05  | 224898              | 13.96  |
| 06 MDL-SOIL-QT4-2024-07     | 88284               | 7.30  | 368878              | 10.05  | 278395              | 13.96  |
| 07 MDL-MED-SOIL-QT4-2024-07 | 140598              | 7.31  | 594807              | 10.05  | 464124              | 13.96  |

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.: BN120224 SAS No.: BN120224 SDG NO.: BN120224

EPA Sample No.: SSTD020347 Date Analyzed: Dec 2 2024 12:00AM

Lab File ID: BN035392.D Time Analyzed: 20:53

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

|                             | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|-----------------------------|---------------------|-------|---------------------|--------|---------------------|--------|
| 12 HOUR STD                 | 72895               | 7.299 | 310805              | 10.05  | 240465              | 13.96  |
| UPPER LIMIT                 | 145790              | 7.799 | 621610              | 10.551 | 480930              | 14.463 |
| LOWER LIMIT                 | 36447.5             | 6.799 | 155402.5            | 9.551  | 120232.5            | 13.463 |
| EPA SAMPLE NO.              |                     |       |                     |        |                     |        |
| 01 SBLK140                  | 62439               | 7.30  | 269676              | 10.05  | 204043              | 13.96  |
| 02 SBLK141                  | 64114               | 7.30  | 279996              | 10.05  | 218621              | 13.96  |
| 03 MDL-WATER-QT4-2024-07    | 69214               | 7.30  | 295310              | 10.05  | 224898              | 13.96  |
| 04 MDL-SOIL-QT4-2024-07     | 88284               | 7.30  | 368878              | 10.05  | 278395              | 13.96  |
| 05 MDL-MED-SOIL-QT4-2024-07 | 140598              | 7.31  | 594807              | 10.05  | 464124              | 13.96  |

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.: BN120224 SAS No.: BN120224 SDG NO.: BN120224

EPA Sample No.: SSTD020233 Date Analyzed: Dec 2 2024 12:00AM

Lab File ID: BN035386.D Time Analyzed: 18:17

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

|                             | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #  | IS6 (PRY)<br>AREA # | RT #   |
|-----------------------------|---------------------|--------|---------------------|-------|---------------------|--------|
| 12 HOUR STD                 | 630701              | 16.728 | 618231              | 20.98 | 719370              | 23.657 |
| UPPER LIMIT                 | 1261402             | 17.228 | 1236462             | 21.48 | 1438740             | 24.157 |
| LOWER LIMIT                 | 315350.5            | 16.228 | 309115.5            | 20.48 | 359685              | 23.157 |
| EPA SAMPLE NO.              |                     |        |                     |       |                     |        |
| 01 SICV237                  | 546464              | 16.73  | 562744              | 20.98 | 666807              | 23.66  |
| 02 SBLK114                  | 600250              | 16.73  | 650884              | 20.98 | 735971              | 23.65  |
| 03 SBLK140                  | 470077              | 16.73  | 498602              | 20.97 | 567501              | 23.65  |
| 04 SBLK141                  | 510886              | 16.73  | 542459              | 20.98 | 610632              | 23.65  |
| 05 MDL-WATER-QT4-2024-07    | 509830              | 16.73  | 539677              | 20.97 | 598969              | 23.65  |
| 06 MDL-SOIL-QT4-2024-07     | 617006              | 16.73  | 656478              | 20.97 | 741317              | 23.65  |
| 07 MDL-MED-SOIL-QT4-2024-07 | 1.07213             | 16.73  | 1.11338e+           | 20.98 | 1.34776e+           | 23.66  |

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.: BN120224 SAS No.: BN120224 SDG NO.: BN120224

EPA Sample No.: SSTD020347 Date Analyzed: Dec 2 2024 12:00AM

Lab File ID: BN035392.D Time Analyzed: 20:53

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

|                             | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #  | IS6 (PRY)<br>AREA # | RT #   |
|-----------------------------|---------------------|--------|---------------------|-------|---------------------|--------|
| 12 HOUR STD                 | 544957              | 16.728 | 553993              | 20.98 | 647070              | 23.651 |
| UPPER LIMIT                 | 1089914             | 17.228 | 1107986             | 21.48 | 1294140             | 24.151 |
| LOWER LIMIT                 | 272478.5            | 16.228 | 276996.5            | 20.48 | 323535              | 23.151 |
| EPA SAMPLE NO.              |                     |        |                     |       |                     |        |
| 01 SBLK140                  | 470077              | 16.73  | 498602              | 20.97 | 567501              | 23.65  |
| 02 SBLK141                  | 510886              | 16.73  | 542459              | 20.98 | 610632              | 23.65  |
| 03 MDL-WATER-QT4-2024-07    | 509830              | 16.73  | 539677              | 20.97 | 598969              | 23.65  |
| 04 MDL-SOIL-QT4-2024-07     | 617006              | 16.73  | 656478              | 20.97 | 741317              | 23.65  |
| 05 MDL-MED-SOIL-QT4-2024-07 | 1.07213             | 16.73  | 1.11338e+ *         | 20.98 | 1.34776e+ *         | 23.66  |

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

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RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

\* Values outside of QC limits.

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN120224

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | RPD  |      | Limits |      | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                             |       |        |      |     |     | Qual | Qual | Low    | High |     |
| SSTDICV020    | 1,4-Dioxane                 | 8     | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Benzaldehyde                | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Pyridine                    | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Phenol                      | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethyl)ether     | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2-Chlorophenol              | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2-Methylphenol              | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2,2-oxybis(1-Chloropropane) | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Acetophenone                | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 4-Methylphenol              | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | N-Nitroso-di-n-propylamine  | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Hexachloroethane            | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Nitrobenzene                | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Isophorone                  | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2-Nitrophenol               | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2,4-Dimethylphenol          | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethoxy)methane  | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2,4-Dichlorophenol          | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Naphthalene                 | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 4-Chloroaniline             | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Hexachlorobutadiene         | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Caprolactam                 | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 4-Chloro-3-methylphenol     | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 1-Methylnaphthalene         | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2-Methylnaphthalene         | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Hexachlorocyclopentadiene   | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2,4,6-Trichlorophenol       | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2,4,5-Trichlorophenol       | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 1,1'-Biphenyl               | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2-Chloronaphthalene         | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2-Nitroaniline              | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Dimethylphthalate           | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2,6-Dinitrotoluene          | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Acenaphthylene              | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 3-Nitroaniline              | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Acenaphthene                | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrophenol           | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 4-Nitrophenol               | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Dibenzofuran                | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrotoluene          | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Diethylphthalate            | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | Fluorene                    | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 4-Chlorophenyl-phenylether  | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |
|               | 4-Nitroaniline              | 20    | 0      | ug/L | 0   |     |      |      | 0      | 0    |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN120224

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |      |     |     |      | Qual | Low | High   |  |     |
| SSTDICV020    | 4,6-Dinitro-2-methylphenol | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | N-Nitrosodiphenylamine     | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | 4-Bromophenyl-phenylether  | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobenzene          | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Atrazine                   | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Pentachlorophenol          | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Phenanthrene               | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Pentachlorobenzene         | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Anthracene                 | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | 1,2,3,4-Tetrachlorobenzene | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Carbazole                  | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Di-n-butylphthalate        | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Fluoranthene               | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Pyrene                     | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Butylbenzylphthalate       | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | 3,3'-Dichlorobenzidine     | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)anthracene         | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Chrysene                   | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Bis(2-ethylhexyl)phthalate | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Di-n-octylphthalate        | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Benzo(b)fluoranthene       | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Benzo(k)fluoranthene       | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)pyrene             | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Dibenzo(a,h)anthracene     | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Benzo(g,h,i)perylene       | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 20    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK114

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN120224

SAS No.: BN120224 SDG NO.: BN120224

Lab File ID: BN035391.D

Lab Sample ID: PB165114BL

Instrument ID: BNA\_N

Date Extracted: 11/19/2024

Matrix: (soil/water) Water

Date Analyzed: 12/02/2024

Level: (low/med) LOW

Time Analyzed: 19:35

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-QT4-2024-07 | P4776-01         | BN035395.D     | 12/02/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK140

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN120224

SAS No.: BN120224 SDG NO.: BN120224

Lab File ID: BN035393.D

Lab Sample ID: PB165140BL

Instrument ID: BNA\_N

Date Extracted: 11/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/02/2024

Level: (low/med) LOW

Time Analyzed: 20:53

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-QT4-2024-07 | P4776-03         | BN035396.D     | 12/02/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK141

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN120224

SAS No.: BN120224 SDG NO.: BN120224

Lab File ID: BN035394.D

Lab Sample ID: PB165141BL

Instrument ID: BNA\_N

Date Extracted: 11/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/02/2024

Level: (low/med) MED

Time Analyzed: 21:32

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-MED-SOIL-QT4-2024-07 | P4776-05         | BN035397.D     | 12/02/2024       |

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

## Surrogate Summary

SW-846

SDG No.: BN120224

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID               | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-------------------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                         |            |                               |                |                 |              |      | Low        | High |
| P4776-01      | MDL-WATER-QT4BN035395.D |            | 1,4-Dioxane-d8                | 8              | 3.65            | 46           |      | 15         | 120  |
|               |                         |            | Pyridine-d5                   | 40             | 12.72           | 32           |      | 20         | 120  |
|               |                         |            | Phenol-d5                     | 40             | 12.69           | 32           |      | 10         | 130  |
|               |                         |            | Bis(2-Chloroethyl)ether-d8    | 40             | 13.63           | 34           |      | 25         | 120  |
|               |                         |            | 2-Chlorophenol-d4             | 40             | 12.74           | 32           |      | 20         | 130  |
|               |                         |            | 4-Methylphenol-d8             | 40             | 12.17           | 30           |      | 25         | 125  |
|               |                         |            | Nitrobenzene-d5               | 40             | 12.33           | 31           |      | 20         | 125  |
|               |                         |            | 2-Nitrophenol-d4              | 40             | 12.29           | 31           |      | 20         | 130  |
|               |                         |            | 2,4-Dichlorophenol-d3         | 40             | 12.33           | 31           |      | 20         | 120  |
|               |                         |            | 4-Chloroaniline-d4            | 40             | 12.43           | 31           |      | 1          | 146  |
|               |                         |            | Dimethylphthalate-d6          | 40             | 12.94           | 32           |      | 25         | 130  |
|               |                         |            | Acenaphthylene-d8             | 40             | 12.99           | 32           |      | 10         | 130  |
|               |                         |            | 4-Nitrophenol-d4              | 40             | 11.21           | 28           |      | 10         | 150  |
|               |                         |            | Fluorene-d10                  | 40             | 13.43           | 34           |      | 25         | 125  |
|               |                         |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 10.23           | 26           |      | 10         | 130  |
|               |                         |            | Anthracene-d10                | 40             | 13.01           | 33           |      | 25         | 130  |
|               |                         |            | Pyrene-d10                    | 40             | 12.96           | 32           |      | 15         | 130  |
|               |                         |            | Benzo(a)pyrene-d12            | 40             | 13.46           | 34           |      | 20         | 130  |
| PB165114BL    | PB165114BL              | BN035391.D | 1,4-Dioxane-d8                | 8              | 5.56            | 69           |      | 15         | 120  |
|               |                         |            | Pyridine-d5                   | 40             | 28.89           | 72           |      | 20         | 120  |
|               |                         |            | Phenol-d5                     | 40             | 28.93           | 72           |      | 10         | 130  |
|               |                         |            | Bis(2-Chloroethyl)ether-d8    | 40             | 30.50           | 76           |      | 25         | 120  |
|               |                         |            | 2-Chlorophenol-d4             | 40             | 29.06           | 73           |      | 20         | 130  |
|               |                         |            | 4-Methylphenol-d8             | 40             | 28.59           | 71           |      | 25         | 125  |
|               |                         |            | Nitrobenzene-d5               | 40             | 31.44           | 79           |      | 20         | 125  |
|               |                         |            | 2-Nitrophenol-d4              | 40             | 32.70           | 82           |      | 20         | 130  |
|               |                         |            | 2,4-Dichlorophenol-d3         | 40             | 28.39           | 71           |      | 20         | 120  |
|               |                         |            | 4-Chloroaniline-d4            | 40             | 31.12           | 78           |      | 1          | 146  |
|               |                         |            | Dimethylphthalate-d6          | 40             | 31.61           | 79           |      | 25         | 130  |
|               |                         |            | Acenaphthylene-d8             | 40             | 30.54           | 76           |      | 10         | 130  |
|               |                         |            | 4-Nitrophenol-d4              | 40             | 28.72           | 72           |      | 10         | 150  |
|               |                         |            | Fluorene-d10                  | 40             | 30.44           | 76           |      | 25         | 125  |
|               |                         |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 26.09           | 65           |      | 10         | 130  |
|               |                         |            | Anthracene-d10                | 40             | 30.63           | 77           |      | 25         | 130  |
|               |                         |            | Pyrene-d10                    | 40             | 28.86           | 72           |      | 15         | 130  |
|               |                         |            | Benzo(a)pyrene-d12            | 40             | 30.96           | 77           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: BN120224

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID                 | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|---------------------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                           |            |                               |                |                 |              |      | Low        | High |
| P4776-03      | MDL-SOIL-QT4-2(BN035396.D |            | 1,4-Dioxane-d8                | 8              | 3.14            | 39           |      | 15         | 120  |
|               |                           |            | Pyridine-d5                   | 40             | 12.74           | 32           |      | 20         | 120  |
|               |                           |            | Phenol-d5                     | 40             | 12.61           | 32           |      | 10         | 130  |
|               |                           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 13.57           | 34           |      | 10         | 150  |
|               |                           |            | 2-Chlorophenol-d4             | 40             | 12.57           | 31           |      | 15         | 120  |
|               |                           |            | 4-Methylphenol-d8             | 40             | 12.15           | 30           |      | 10         | 140  |
|               |                           |            | Nitrobenzene-d5               | 40             | 12.98           | 32           |      | 10         | 135  |
|               |                           |            | 2-Nitrophenol-d4              | 40             | 12.67           | 32           |      | 10         | 120  |
|               |                           |            | 2,4-Dichlorophenol-d3         | 40             | 12.67           | 32           |      | 10         | 140  |
|               |                           |            | 4-Chloroaniline-d4            | 40             | 12.75           | 32           |      | 1          | 145  |
|               |                           |            | Dimethylphthalate-d6          | 40             | 12.63           | 32           |      | 10         | 145  |
|               |                           |            | Acenaphthylene-d8             | 40             | 13.07           | 33           |      | 15         | 120  |
|               |                           |            | 4-Nitrophenol-d4              | 40             | 12.28           | 31           |      | 10         | 150  |
|               |                           |            | Fluorene-d10                  | 40             | 13.11           | 33           |      | 20         | 140  |
|               |                           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 10.63           | 27           |      | 10         | 130  |
|               |                           |            | Anthracene-d10                | 40             | 13.18           | 33           |      | 10         | 150  |
|               |                           |            | Pyrene-d10                    | 40             | 12.97           | 32           |      | 10         | 130  |
|               |                           |            | Benzo(a)pyrene-d12            | 40             | 13.61           | 34           |      | 10         | 140  |
| PB165140BL    | PB165140BL                | BN035393.D | 1,4-Dioxane-d8                | 8              | 6.91            | 86           |      | 15         | 120  |
|               |                           |            | Pyridine-d5                   | 40             | 34.25           | 86           |      | 20         | 120  |
|               |                           |            | Phenol-d5                     | 40             | 35.75           | 89           |      | 10         | 130  |
|               |                           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 37.37           | 93           |      | 10         | 150  |
|               |                           |            | 2-Chlorophenol-d4             | 40             | 35.30           | 88           |      | 15         | 120  |
|               |                           |            | 4-Methylphenol-d8             | 40             | 35.63           | 89           |      | 10         | 140  |
|               |                           |            | Nitrobenzene-d5               | 40             | 37.32           | 93           |      | 10         | 135  |
|               |                           |            | 2-Nitrophenol-d4              | 40             | 38.71           | 97           |      | 10         | 120  |
|               |                           |            | 2,4-Dichlorophenol-d3         | 40             | 34.36           | 86           |      | 10         | 140  |
|               |                           |            | 4-Chloroaniline-d4            | 40             | 36.27           | 91           |      | 1          | 145  |
|               |                           |            | Dimethylphthalate-d6          | 40             | 38.05           | 95           |      | 10         | 145  |
|               |                           |            | Acenaphthylene-d8             | 40             | 36.78           | 92           |      | 15         | 120  |
|               |                           |            | 4-Nitrophenol-d4              | 40             | 34.63           | 87           |      | 10         | 150  |
|               |                           |            | Fluorene-d10                  | 40             | 36.97           | 92           |      | 20         | 140  |
|               |                           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 31.15           | 78           |      | 10         | 130  |
|               |                           |            | Anthracene-d10                | 40             | 37.03           | 93           |      | 10         | 150  |
|               |                           |            | Pyrene-d10                    | 40             | 35.64           | 89           |      | 10         | 130  |
|               |                           |            | Benzo(a)pyrene-d12            | 40             | 38.68           | 97           |      | 10         | 140  |

## Surrogate Summary

SW-846

SDG No.: BN120224

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID                | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|--------------------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                          |            |                               |                |                 |              |      | Low        | High |
| P4776-05      | MDL-MED-SOIL-(BN035397.D |            | 1,4-Dioxane-d8                | 8              | 1.69            | 21           |      | 15         | 120  |
|               |                          |            | Pyridine-d5                   | 40             | 6.36            | 16           | *    | 20         | 120  |
|               |                          |            | Phenol-d5                     | 40             | 6.53            | 16           |      | 10         | 130  |
|               |                          |            | Bis(2-Chloroethyl)ether-d8    | 40             | 6.92            | 17           |      | 10         | 150  |
|               |                          |            | 2-Chlorophenol-d4             | 40             | 6.45            | 16           |      | 15         | 120  |
|               |                          |            | 4-Methylphenol-d8             | 40             | 6.43            | 16           |      | 10         | 140  |
|               |                          |            | Nitrobenzene-d5               | 40             | 6.61            | 17           |      | 10         | 135  |
|               |                          |            | 2-Nitrophenol-d4              | 40             | 6.60            | 16           |      | 10         | 120  |
|               |                          |            | 2,4-Dichlorophenol-d3         | 40             | 6.42            | 16           |      | 10         | 140  |
|               |                          |            | 4-Chloroaniline-d4            | 40             | 7.00            | 17           |      | 1          | 145  |
|               |                          |            | Dimethylphthalate-d6          | 40             | 7.05            | 18           |      | 10         | 145  |
|               |                          |            | Acenaphthylene-d8             | 40             | 7.00            | 18           |      | 15         | 120  |
|               |                          |            | 4-Nitrophenol-d4              | 40             | 6.01            | 15           |      | 10         | 150  |
|               |                          |            | Fluorene-d10                  | 40             | 7.09            | 18           | *    | 20         | 140  |
|               |                          |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 5.44            | 14           |      | 10         | 130  |
|               |                          |            | Anthracene-d10                | 40             | 7.13            | 18           |      | 10         | 150  |
|               |                          |            | Pyrene-d10                    | 40             | 6.88            | 17           |      | 10         | 130  |
|               |                          |            | Benzo(a)pyrene-d12            | 40             | 6.76            | 17           |      | 10         | 140  |
| PB165141BL    | PB165141BL               | BN035394.D | 1,4-Dioxane-d8                | 8              | 6.78            | 85           |      | 15         | 120  |
|               |                          |            | Pyridine-d5                   | 40             | 31.82           | 80           |      | 20         | 120  |
|               |                          |            | Phenol-d5                     | 40             | 31.79           | 79           |      | 10         | 130  |
|               |                          |            | Bis(2-Chloroethyl)ether-d8    | 40             | 33.25           | 83           |      | 10         | 150  |
|               |                          |            | 2-Chlorophenol-d4             | 40             | 31.76           | 79           |      | 15         | 120  |
|               |                          |            | 4-Methylphenol-d8             | 40             | 31.03           | 78           |      | 10         | 140  |
|               |                          |            | Nitrobenzene-d5               | 40             | 32.72           | 82           |      | 10         | 135  |
|               |                          |            | 2-Nitrophenol-d4              | 40             | 33.15           | 83           |      | 10         | 120  |
|               |                          |            | 2,4-Dichlorophenol-d3         | 40             | 29.84           | 75           |      | 10         | 140  |
|               |                          |            | 4-Chloroaniline-d4            | 40             | 32.06           | 80           |      | 1          | 145  |
|               |                          |            | Dimethylphthalate-d6          | 40             | 33.60           | 84           |      | 10         | 145  |
|               |                          |            | Acenaphthylene-d8             | 40             | 32.11           | 80           |      | 15         | 120  |
|               |                          |            | 4-Nitrophenol-d4              | 40             | 30.32           | 76           |      | 10         | 150  |
|               |                          |            | Fluorene-d10                  | 40             | 32.33           | 81           |      | 20         | 140  |
|               |                          |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 26.55           | 66           |      | 10         | 130  |
|               |                          |            | Anthracene-d10                | 40             | 32.81           | 82           |      | 10         | 150  |
|               |                          |            | Pyrene-d10                    | 40             | 31.32           | 78           |      | 10         | 130  |
|               |                          |            | Benzo(a)pyrene-d12            | 40             | 33.06           | 83           |      | 10         | 140  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN120224

Lab Code: CHEM

SAS No.: BN120224

SDG NO.: BN120224

Lab File ID: BN035383.D

DFTPP Injection Date: 12/02/2024

Instrument ID: BNA\_N

DFTPP Injection Time: 11:06

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 25.2                 |
| 68  | Less than 2.0% of mass 69          | 0.0 ( 0.0 ) 1        |
| 69  | Mass 69 relative abundance         | 32.1                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 43.1                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.8                  |
| 275 | 10.0 - 60.0% of mass 198           | 29.1                 |
| 365 | Greater than 1% of mass 198        | 4.8                  |
| 441 | Present, but less than mass 443    | 11.8                 |
| 442 | Greater than 50% of mass 198       | 70.3                 |
| 443 | 15.0 - 24.0% of mass 442           | 14.4 ( 20.4 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO.        | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|--------------------------|------------------|----------------|------------------|------------------|
| SSTD005231               | SSTD00592        | BN035384.D     | 12/02/2024       | 13:03            |
| SSTD010232               | SSTD01093        | BN035385.D     | 12/02/2024       | 13:41            |
| SSTD020233               | SSTD02094        | BN035386.D     | 12/02/2024       | 14:59            |
| SSTD040234               | SSTD04095        | BN035387.D     | 12/02/2024       | 15:38            |
| SSTD080235               | SSTD08096        | BN035388.D     | 12/02/2024       | 16:17            |
| SSTD160236               | SSTD16097        | BN035389.D     | 12/02/2024       | 16:56            |
| SICV237                  | SSTDICV020       | BN035390.D     | 12/02/2024       | 18:17            |
| SBLK114                  | PB165114BL       | BN035391.D     | 12/02/2024       | 19:35            |
| SSTD020347               | SSTDCCC020       | BN035392.D     | 12/02/2024       | 20:14            |
| SBLK140                  | PB165140BL       | BN035393.D     | 12/02/2024       | 20:53            |
| SBLK141                  | PB165141BL       | BN035394.D     | 12/02/2024       | 21:32            |
| MDL-WATER-QT4-2024-07    | P4776-01         | BN035395.D     | 12/02/2024       | 22:10            |
| MDL-SOIL-QT4-2024-07     | P4776-03         | BN035396.D     | 12/02/2024       | 22:49            |
| MDL-MED-SOIL-QT4-2024-07 | P4776-05         | BN035397.D     | 12/02/2024       | 23:28            |
| SSTD020348               | SSTDCCC020EC     | BN035398.D     | 12/03/2024       | 00:46            |