

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BN040224 SAS No.: BN040224 SDG No.: BN040224

Instrument ID: BNA\_N Calibration Date/Time: 4/1/2024 12:10:12

Lab File ID: BN030582.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020332 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-----------------------------|-------|--------|------------|---------|-------|
| 1,4-Dioxane                 | 0.457 | 0.479  | 0.010      | 4.8998  | 40.0  |
| Benzaldehyde                | 0.753 | 0.939  | 0.010      | 24.5642 | 40.0  |
| Pyridine                    | 1.291 | 1.321  | 0.010      | 2.3699  | 40.0  |
| Phenol                      | 1.685 | 1.704  | 0.080      | 1.1235  | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.374 | 1.407  | 0.100      | 2.3738  | 20.0  |
| 2-Chlorophenol              | 1.317 | 1.393  | 0.200      | 5.8372  | 20.0  |
| 2-Methylphenol              | 1.299 | 1.300  | 0.010      | 0.0669  | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 1.935 | 1.926  | 0.010      | -0.5032 | 40.0  |
| Acetophenone                | 2.141 | 2.162  | 0.060      | 0.9858  | 20.0  |
| 4-Methylphenol              | 1.454 | 1.433  | 0.010      | -1.4671 | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.078 | 1.073  | 0.050      | -0.5312 | 30.0  |
| Hexachloroethane            | 0.552 | 0.584  | 0.100      | 5.8872  | 20.0  |
| Nitrobenzene                | 0.339 | 0.356  | 0.050      | 4.9936  | 25.0  |
| Isophorone                  | 0.675 | 0.693  | 0.050      | 2.5558  | 25.0  |
| 2-Nitrophenol               | 0.149 | 0.166  | 0.050      | 11.005  | 25.0  |
| 2,4-Dimethylphenol          | 0.332 | 0.341  | 0.050      | 2.7395  | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.429 | 0.434  | 0.050      | 0.9948  | 20.0  |
| 2,4-Dichlorophenol          | 0.284 | 0.300  | 0.060      | 5.6652  | 20.0  |
| Naphthalene                 | 1.026 | 1.063  | 0.200      | 3.6154  | 20.0  |
| 4-Chloroaniline             | 0.441 | 0.445  | 0.010      | 0.8681  | 40.0  |
| Hexachlorobutadiene         | 0.179 | 0.190  | 0.040      | 6.3788  | 30.0  |
| Caprolactam                 | 0.106 | 0.098  | 0.010      | -7.9032 | 40.0  |
| 4-Chloro-3-methylphenol     | 0.319 | 0.321  | 0.040      | 0.3716  | 25.0  |
| 1-Methylnaphthalene         | 0.727 | 0.740  | 0.100      | 1.7132  | 20.0  |
| 2-Methylnaphthalene         | 0.716 | 0.725  | 0.100      | 1.1624  | 20.0  |
| Hexachlorocyclopentadiene   | 0.293 | 0.319  | 0.010      | 8.7626  | 40.0  |
| 2,4,6-Trichlorophenol       | 0.323 | 0.360  | 0.090      | 11.5185 | 25.0  |
| 2,4,5-Trichlorophenol       | 0.364 | 0.396  | 0.100      | 8.628   | 25.0  |
| 1,1-Biphenyl                | 1.363 | 1.451  | 0.200      | 6.465   | 20.0  |
| 2-Chloronaphthalene         | 1.073 | 1.174  | 0.300      | 9.4287  | 20.0  |
| 2-Nitroaniline              | 0.286 | 0.306  | 0.050      | 7.2267  | 40.0  |
| Dimethylphthalate           | 1.379 | 1.428  | 0.300      | 3.5011  | 20.0  |
| 2,6-Dinitrotoluene          | 0.256 | 0.282  | 0.080      | 10.4068 | 30.0  |
| Acenaphthylene              | 1.774 | 1.944  | 0.400      | 9.5924  | 20.0  |
| 3-Nitroaniline              | 0.271 | 0.295  | 0.010      | 8.8425  | 40.0  |
| Acenaphthene                | 1.182 | 1.268  | 0.200      | 7.2261  | 20.0  |
| 2,4-Dinitrophenol           | 0.117 | 0.109  | 0.010      | -7.3956 | 40.0  |
| 4-Nitrophenol               | 0.202 | 0.205  | 0.010      | 1.188   | 40.0  |
| Dibenzofuran                | 1.643 | 1.720  | 0.300      | 4.6403  | 20.0  |

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BN040224 SAS No.: BN040224 SDG No.: BN040224

Instrument ID: BNA\_N Calibration Date/Time: 4/1/2024 12:10:12

Lab File ID: BN030582.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020332 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-----------------------------|-------|--------|------------|---------|-------|
| 2,4-Dinitrotoluene          | 0.373 | 0.408  | 0.070      | 9.3853  | 30.0  |
| Diethylphthalate            | 1.401 | 1.455  | 0.300      | 3.8637  | 20.0  |
| Fluorene                    | 1.306 | 1.394  | 0.200      | 6.7479  | 20.0  |
| 4-Chlorophenyl-phenylether  | 0.641 | 0.675  | 0.100      | 5.279   | 20.0  |
| 4-Nitroaniline              | 0.264 | 0.304  | 0.010      | 15.062  | 40.0  |
| 4,6-Dinitro-2-methylphenol  | 0.095 | 0.096  | 0.010      | 1.0435  | 40.0  |
| N-Nitrosodiphenylamine      | 0.545 | 0.575  | 0.050      | 5.5258  | 20.0  |
| 1,2,4,5-Tetrachlorobenzene  | 0.516 | 0.578  | 0.100      | 12.0264 | 20.0  |
| 4-Bromophenyl-phenylether   | 0.190 | 0.201  | 0.070      | 5.7462  | 20.0  |
| Hexachlorobenzene           | 0.224 | 0.234  | 0.050      | 4.6889  | 25.0  |
| Atrazine                    | 0.189 | 0.198  | 0.010      | 4.814   | 25.0  |
| Pentachlorophenol           | 0.132 | 0.140  | 0.010      | 6.4709  | 40.0  |
| Phenanthrene                | 1.028 | 1.091  | 0.200      | 6.1817  | 20.0  |
| Pentachlorobenzene          | 0.250 | 0.267  | 0.050      | 7.1171  | 20.0  |
| Anthracene                  | 1.039 | 1.124  | 0.200      | 8.1892  | 20.0  |
| 1,2,3,4-Tetrachlorobenzene  | 0.246 | 0.277  | 0.050      | 12.6611 | 20.0  |
| Carbazole                   | 0.911 | 1.016  | 0.050      | 11.5581 | 40.0  |
| Di-n-butylphthalate         | 1.111 | 1.226  | 0.500      | 10.2998 | 25.0  |
| Fluoranthene                | 1.278 | 1.347  | 0.400      | 5.4058  | 25.0  |
| Pyrene                      | 1.350 | 1.408  | 0.400      | 4.2683  | 25.0  |
| Butylbenzylphthalate        | 0.516 | 0.574  | 0.100      | 11.2956 | 40.0  |
| 3,3-Dichlorobenzidine       | 0.367 | 0.428  | 0.010      | 16.5947 | 40.0  |
| Benzo(a)anthracene          | 1.335 | 1.403  | 0.300      | 5.1393  | 30.0  |
| Chrysene                    | 1.260 | 1.369  | 0.200      | 8.6816  | 30.0  |
| Bis(2-ethylhexyl)phthalate  | 0.760 | 0.847  | 0.200      | 11.4278 | 40.0  |
| Di-n-octyl phthalate        | 1.267 | 1.336  | 0.010      | 5.4475  | 40.0  |
| Benzo(b)fluoranthene        | 1.177 | 1.225  | 0.200      | 4.0915  | 25.0  |
| Benzo(k)fluoranthene        | 1.195 | 1.277  | 0.200      | 6.8428  | 25.0  |
| Benzo(a)pyrene              | 1.112 | 1.165  | 0.200      | 4.7606  | 20.0  |
| Indeno(1,2,3-cd)pyrene      | 1.202 | 1.248  | 0.200      | 3.8695  | 25.0  |
| Dibenzo(a,h)anthracene      | 1.012 | 1.068  | 0.200      | 5.5242  | 30.0  |
| Benzo(g,h,i)perylene        | 0.944 | 0.973  | 0.200      | 3.0973  | 30.0  |
| 2,3,4,6-Tetrachlorophenol   | 0.303 | 0.322  | 0.040      | 6.5291  | 20.0  |
| 1,4-Dioxane-d8              | 0.427 | 0.454  | 0.010      | 6.4762  | 25.0  |
| Pyridine-d5                 | 1.279 | 1.299  | 0.010      | 1.6024  | 40.0  |
| Phenol-d5                   | 1.618 | 1.630  | 0.010      | 0.7645  | 25.0  |
| Bis-(2-Chloroethyl)ether-d8 | 0.999 | 1.013  | 0.050      | 1.3946  | 25.0  |
| 2-Chlorophenol-d4           | 1.227 | 1.322  | 0.200      | 7.697   | 20.0  |
| 4-Methylphenol-d8           | 1.356 | 1.313  | 0.010      | -3.1762 | 20.0  |

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
 Lab Code: CHEM Case No.: BN040224 SAS No.: BN040224 SDG No.: BN040224  
 Instrument ID: BNA\_N Calibration Date/Time: 4/1/2024 12:10:12  
 Lab File ID: BN030582.D Init. Calib. Date(s): \_\_\_\_\_  
 EPA Sample No.: SSTD020332 Init. Calib. Time(s): \_\_\_\_\_  
 GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-------------------------------|-------|--------|------------|---------|-------|
| Nitrobenzene-d5               | 0.139 | 0.150  | 0.050      | 8.2044  | 20.0  |
| 2-Nitrophenol-d4              | 0.127 | 0.144  | 0.050      | 13.2825 | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.278 | 0.297  | 0.060      | 6.9585  | 20.0  |
| 4-Chloroaniline-d4            | 0.457 | 0.460  | 0.010      | 0.5131  | 40.0  |
| Dimethylphthalate-d6          | 1.335 | 1.399  | 0.300      | 4.7407  | 20.0  |
| Acenaphthylene-d8             | 1.535 | 1.664  | 0.400      | 8.3755  | 20.0  |
| 4-Nitrophenol-d4              | 0.255 | 0.264  | 0.010      | 3.2927  | 40.0  |
| Fluorene-d10                  | 1.169 | 1.225  | 0.100      | 4.7977  | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.088 | 0.087  | 0.010      | -1.1606 | 40.0  |
| Anthracene-d10                | 0.862 | 0.915  | 0.300      | 6.1916  | 20.0  |
| Pyrene-d10                    | 1.075 | 1.133  | 0.300      | 5.3447  | 25.0  |
| Benzo (a) pyrene-d12          | 0.922 | 0.979  | 0.010      | 6.2852  | 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.: BN040224 SAS No.: BN040224 SDG No.: BN040224

Instrument ID: BNA\_N Calibration Date/Time: 4/1/2024 12:16:21

Lab File ID: BN030591.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020333 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-----------------------------|-------|--------|------------|---------|-------|
| 1,4-Dioxane                 | 0.457 | 0.492  | 0.010      | 7.7014  | 40.0  |
| Benzaldehyde                | 0.753 | 0.936  | 0.010      | 24.1677 | 40.0  |
| Pyridine                    | 1.291 | 1.346  | 0.010      | 4.2578  | 40.0  |
| Phenol                      | 1.685 | 1.706  | 0.080      | 1.2094  | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.374 | 1.397  | 0.100      | 1.6689  | 20.0  |
| 2-Chlorophenol              | 1.317 | 1.405  | 0.200      | 6.7469  | 20.0  |
| 2-Methylphenol              | 1.299 | 1.310  | 0.010      | 0.8286  | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 1.935 | 1.891  | 0.010      | -2.3087 | 40.0  |
| Acetophenone                | 2.141 | 2.134  | 0.060      | -0.3153 | 20.0  |
| 4-Methylphenol              | 1.454 | 1.411  | 0.010      | -2.9215 | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.078 | 1.065  | 0.050      | -1.2135 | 30.0  |
| Hexachloroethane            | 0.552 | 0.586  | 0.100      | 6.0731  | 20.0  |
| Nitrobenzene                | 0.339 | 0.357  | 0.050      | 5.3473  | 25.0  |
| Isophorone                  | 0.675 | 0.691  | 0.050      | 2.3173  | 25.0  |
| 2-Nitrophenol               | 0.149 | 0.173  | 0.050      | 15.8998 | 25.0  |
| 2,4-Dimethylphenol          | 0.332 | 0.343  | 0.050      | 3.3505  | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.429 | 0.434  | 0.050      | 1.0623  | 20.0  |
| 2,4-Dichlorophenol          | 0.284 | 0.296  | 0.060      | 4.3333  | 20.0  |
| Naphthalene                 | 1.026 | 1.057  | 0.200      | 3.0408  | 20.0  |
| 4-Chloroaniline             | 0.441 | 0.440  | 0.010      | -0.156  | 40.0  |
| Hexachlorobutadiene         | 0.179 | 0.188  | 0.040      | 5.0787  | 30.0  |
| Caprolactam                 | 0.106 | 0.102  | 0.010      | -3.3939 | 40.0  |
| 4-Chloro-3-methylphenol     | 0.319 | 0.321  | 0.040      | 0.4612  | 25.0  |
| 1-Methylnaphthalene         | 0.727 | 0.718  | 0.100      | -1.2266 | 20.0  |
| 2-Methylnaphthalene         | 0.716 | 0.724  | 0.100      | 1.0747  | 20.0  |
| Hexachlorocyclopentadiene   | 0.293 | 0.322  | 0.010      | 9.829   | 40.0  |
| 2,4,6-Trichlorophenol       | 0.323 | 0.370  | 0.090      | 14.8109 | 25.0  |
| 2,4,5-Trichlorophenol       | 0.364 | 0.405  | 0.100      | 11.2127 | 25.0  |
| 1,1-Biphenyl                | 1.363 | 1.456  | 0.200      | 6.8242  | 20.0  |
| 2-Chloronaphthalene         | 1.073 | 1.154  | 0.300      | 7.5122  | 20.0  |
| 2-Nitroaniline              | 0.286 | 0.319  | 0.050      | 11.6572 | 40.0  |
| Dimethylphthalate           | 1.379 | 1.442  | 0.300      | 4.5429  | 20.0  |
| 2,6-Dinitrotoluene          | 0.256 | 0.288  | 0.080      | 12.6365 | 30.0  |
| Acenaphthylene              | 1.774 | 1.914  | 0.400      | 7.8725  | 20.0  |
| 3-Nitroaniline              | 0.271 | 0.318  | 0.010      | 17.2407 | 40.0  |
| Acenaphthene                | 1.182 | 1.253  | 0.200      | 6.009   | 20.0  |
| 2,4-Dinitrophenol           | 0.117 | 0.114  | 0.010      | -3.2404 | 40.0  |
| 4-Nitrophenol               | 0.202 | 0.210  | 0.010      | 3.8919  | 40.0  |
| Dibenzofuran                | 1.643 | 1.718  | 0.300      | 4.5507  | 20.0  |

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BN040224 SAS No.: BN040224 SDG No.: BN040224

Instrument ID: BNA\_N Calibration Date/Time: 4/1/2024 12:16:21

Lab File ID: BN030591.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020333 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-----------------------------|-------|--------|------------|---------|-------|
| 2,4-Dinitrotoluene          | 0.373 | 0.420  | 0.070      | 12.3871 | 30.0  |
| Diethylphthalate            | 1.401 | 1.462  | 0.300      | 4.3304  | 20.0  |
| Fluorene                    | 1.306 | 1.389  | 0.200      | 6.3452  | 20.0  |
| 4-Chlorophenyl-phenylether  | 0.641 | 0.666  | 0.100      | 3.8598  | 20.0  |
| 4-Nitroaniline              | 0.264 | 0.321  | 0.010      | 21.6419 | 40.0  |
| 4,6-Dinitro-2-methylphenol  | 0.095 | 0.101  | 0.010      | 6.0036  | 40.0  |
| N-Nitrosodiphenylamine      | 0.545 | 0.576  | 0.050      | 5.6932  | 20.0  |
| 1,2,4,5-Tetrachlorobenzene  | 0.516 | 0.566  | 0.100      | 9.7443  | 20.0  |
| 4-Bromophenyl-phenylether   | 0.190 | 0.205  | 0.070      | 8.0212  | 20.0  |
| Hexachlorobenzene           | 0.224 | 0.239  | 0.050      | 6.6878  | 25.0  |
| Atrazine                    | 0.189 | 0.206  | 0.010      | 9.0344  | 25.0  |
| Pentachlorophenol           | 0.132 | 0.144  | 0.010      | 8.8684  | 40.0  |
| Phenanthrene                | 1.028 | 1.077  | 0.200      | 4.8215  | 20.0  |
| Pentachlorobenzene          | 0.250 | 0.265  | 0.050      | 6.2697  | 20.0  |
| Anthracene                  | 1.039 | 1.121  | 0.200      | 7.9566  | 20.0  |
| 1,2,3,4-Tetrachlorobenzene  | 0.246 | 0.279  | 0.050      | 13.5415 | 20.0  |
| Carbazole                   | 0.911 | 1.014  | 0.050      | 11.3178 | 40.0  |
| Di-n-butylphthalate         | 1.111 | 1.235  | 0.500      | 11.1283 | 25.0  |
| Fluoranthene                | 1.278 | 1.382  | 0.400      | 8.0977  | 25.0  |
| Pyrene                      | 1.350 | 1.415  | 0.400      | 4.8493  | 25.0  |
| Butylbenzylphthalate        | 0.516 | 0.612  | 0.100      | 18.6718 | 40.0  |
| 3,3-Dichlorobenzidine       | 0.367 | 0.406  | 0.010      | 10.3962 | 40.0  |
| Benzo(a)anthracene          | 1.335 | 1.430  | 0.300      | 7.1362  | 30.0  |
| Chrysene                    | 1.260 | 1.325  | 0.200      | 5.1939  | 30.0  |
| Bis(2-ethylhexyl)phthalate  | 0.760 | 0.891  | 0.200      | 17.1871 | 40.0  |
| Di-n-octyl phthalate        | 1.267 | 1.554  | 0.010      | 22.6971 | 40.0  |
| Benzo(b)fluoranthene        | 1.177 | 1.307  | 0.200      | 11.0214 | 25.0  |
| Benzo(k)fluoranthene        | 1.195 | 1.312  | 0.200      | 9.7259  | 25.0  |
| Benzo(a)pyrene              | 1.112 | 1.199  | 0.200      | 7.8785  | 20.0  |
| Indeno(1,2,3-cd)pyrene      | 1.202 | 1.195  | 0.200      | -0.5897 | 25.0  |
| Dibenzo(a,h)anthracene      | 1.012 | 1.025  | 0.200      | 1.2686  | 30.0  |
| Benzo(g,h,i)perylene        | 0.944 | 0.950  | 0.200      | 0.6773  | 30.0  |
| 2,3,4,6-Tetrachlorophenol   | 0.303 | 0.345  | 0.040      | 14.0568 | 20.0  |
| 1,4-Dioxane-d8              | 0.427 | 0.467  | 0.010      | 9.4085  | 25.0  |
| Pyridine-d5                 | 1.279 | 1.320  | 0.010      | 3.2097  | 40.0  |
| Phenol-d5                   | 1.618 | 1.648  | 0.010      | 1.8564  | 25.0  |
| Bis-(2-Chloroethyl)ether-d8 | 0.999 | 0.992  | 0.050      | -0.7378 | 25.0  |
| 2-Chlorophenol-d4           | 1.227 | 1.324  | 0.200      | 7.8839  | 20.0  |
| 4-Methylphenol-d8           | 1.356 | 1.339  | 0.010      | -1.2227 | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
 Lab Code: CHEM Case No.: BN040224 SAS No.: BN040224 SDG No.: BN040224  
 Instrument ID: BNA\_N Calibration Date/Time: 4/1/2024 12:16:21  
 Lab File ID: BN030591.D Init. Calib. Date(s): \_\_\_\_\_  
 EPA Sample No.: SSTD020333 Init. Calib. Time(s): \_\_\_\_\_  
 GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-------------------------------|-------|--------|------------|---------|-------|
| Nitrobenzene-d5               | 0.139 | 0.153  | 0.050      | 10.1993 | 20.0  |
| 2-Nitrophenol-d4              | 0.127 | 0.155  | 0.050      | 21.905  | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.278 | 0.300  | 0.060      | 7.9424  | 20.0  |
| 4-Chloroaniline-d4            | 0.457 | 0.456  | 0.010      | -0.2425 | 40.0  |
| Dimethylphthalate-d6          | 1.335 | 1.398  | 0.300      | 4.6615  | 20.0  |
| Acenaphthylene-d8             | 1.535 | 1.669  | 0.400      | 8.7365  | 20.0  |
| 4-Nitrophenol-d4              | 0.255 | 0.271  | 0.010      | 6.2489  | 40.0  |
| Fluorene-d10                  | 1.169 | 1.218  | 0.100      | 4.2207  | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.088 | 0.091  | 0.010      | 2.9602  | 40.0  |
| Anthracene-d10                | 0.862 | 0.922  | 0.300      | 6.9845  | 20.0  |
| Pyrene-d10                    | 1.075 | 1.140  | 0.300      | 5.9915  | 25.0  |
| Benzo (a) pyrene-d12          | 0.922 | 1.029  | 0.010      | 11.6353 | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BN040224 SAS No.: BN040224 SDG No.: BN040224

Instrument ID: BNA\_N Calibration Date/Time: 4/1/2024 12:22:56

Lab File ID: BN030600.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020334 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-----------------------------|-------|--------|------------|---------|-------|
| 1,4-Dioxane                 | 0.457 | 0.466  | 0.010      | 2.087   | 50.0  |
| Benzaldehyde                | 0.753 | 0.922  | 0.010      | 22.3894 | 50.0  |
| Pyridine                    | 1.291 | 1.307  | 0.010      | 1.2709  | 50.0  |
| Phenol                      | 1.685 | 1.676  | 0.080      | -0.5474 | 50.0  |
| Bis(2-Chloroethyl)ether     | 1.374 | 1.383  | 0.100      | 0.6201  | 50.0  |
| 2-Chlorophenol              | 1.317 | 1.385  | 0.200      | 5.1938  | 50.0  |
| 2-Methylphenol              | 1.299 | 1.287  | 0.010      | -0.8814 | 50.0  |
| 2,2-oxybis(1-Chloropropane) | 1.935 | 1.837  | 0.010      | -5.0684 | 50.0  |
| Acetophenone                | 2.141 | 2.112  | 0.060      | -1.371  | 50.0  |
| 4-Methylphenol              | 1.454 | 1.400  | 0.010      | -3.7312 | 50.0  |
| N-Nitroso-di-n-propylamine  | 1.078 | 1.060  | 0.050      | -1.6877 | 50.0  |
| Hexachloroethane            | 0.552 | 0.577  | 0.100      | 4.5048  | 50.0  |
| Nitrobenzene                | 0.339 | 0.355  | 0.050      | 4.918   | 50.0  |
| Isophorone                  | 0.675 | 0.699  | 0.050      | 3.5636  | 50.0  |
| 2-Nitrophenol               | 0.149 | 0.173  | 0.050      | 15.958  | 50.0  |
| 2,4-Dimethylphenol          | 0.332 | 0.347  | 0.050      | 4.794   | 50.0  |
| Bis(2-Chloroethoxy)methane  | 0.429 | 0.437  | 0.050      | 1.7507  | 50.0  |
| 2,4-Dichlorophenol          | 0.284 | 0.301  | 0.060      | 6.149   | 50.0  |
| Naphthalene                 | 1.026 | 1.079  | 0.200      | 5.1661  | 50.0  |
| 4-Chloroaniline             | 0.441 | 0.447  | 0.010      | 1.471   | 50.0  |
| Hexachlorobutadiene         | 0.179 | 0.190  | 0.040      | 6.3442  | 50.0  |
| Caprolactam                 | 0.106 | 0.103  | 0.010      | -2.5934 | 50.0  |
| 4-Chloro-3-methylphenol     | 0.319 | 0.334  | 0.040      | 4.5683  | 50.0  |
| 1-Methylnaphthalene         | 0.727 | 0.747  | 0.100      | 2.6794  | 50.0  |
| 2-Methylnaphthalene         | 0.716 | 0.745  | 0.100      | 4.0298  | 50.0  |
| Hexachlorocyclopentadiene   | 0.293 | 0.308  | 0.010      | 5.2039  | 50.0  |
| 2,4,6-Trichlorophenol       | 0.323 | 0.370  | 0.090      | 14.6534 | 50.0  |
| 2,4,5-Trichlorophenol       | 0.364 | 0.411  | 0.100      | 12.8826 | 50.0  |
| 1,1-Biphenyl                | 1.363 | 1.448  | 0.200      | 6.2058  | 50.0  |
| 2-Chloronaphthalene         | 1.073 | 1.167  | 0.300      | 8.7737  | 50.0  |
| 2-Nitroaniline              | 0.286 | 0.318  | 0.050      | 11.2403 | 50.0  |
| Dimethylphthalate           | 1.379 | 1.443  | 0.300      | 4.5894  | 50.0  |
| 2,6-Dinitrotoluene          | 0.256 | 0.286  | 0.080      | 11.6744 | 50.0  |
| Acenaphthylene              | 1.774 | 1.913  | 0.400      | 7.8645  | 50.0  |
| 3-Nitroaniline              | 0.271 | 0.307  | 0.010      | 13.1128 | 50.0  |
| Acenaphthene                | 1.182 | 1.254  | 0.200      | 6.0729  | 50.0  |
| 2,4-Dinitrophenol           | 0.117 | 0.112  | 0.010      | -4.8738 | 50.0  |
| 4-Nitrophenol               | 0.202 | 0.214  | 0.010      | 5.757   | 50.0  |
| Dibenzofuran                | 1.643 | 1.731  | 0.300      | 5.3547  | 50.0  |

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BN040224 SAS No.: BN040224 SDG No.: BN040224

Instrument ID: BNA\_N Calibration Date/Time: 4/1/2024 12:22:56

Lab File ID: BN030600.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020334 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-----------------------------|-------|--------|------------|---------|-------|
| 2,4-Dinitrotoluene          | 0.373 | 0.416  | 0.070      | 11.3389 | 50.0  |
| Diethylphthalate            | 1.401 | 1.448  | 0.300      | 3.3325  | 50.0  |
| Fluorene                    | 1.306 | 1.388  | 0.200      | 6.2352  | 50.0  |
| 4-Chlorophenyl-phenylether  | 0.641 | 0.677  | 0.100      | 5.6551  | 50.0  |
| 4-Nitroaniline              | 0.264 | 0.317  | 0.010      | 20.2151 | 50.0  |
| 4,6-Dinitro-2-methylphenol  | 0.095 | 0.097  | 0.010      | 2.5334  | 50.0  |
| N-Nitrosodiphenylamine      | 0.545 | 0.579  | 0.050      | 6.2334  | 50.0  |
| 1,2,4,5-Tetrachlorobenzene  | 0.516 | 0.565  | 0.100      | 9.4648  | 50.0  |
| 4-Bromophenyl-phenylether   | 0.190 | 0.200  | 0.070      | 5.3046  | 50.0  |
| Hexachlorobenzene           | 0.224 | 0.237  | 0.050      | 5.9651  | 50.0  |
| Atrazine                    | 0.189 | 0.200  | 0.010      | 5.9578  | 50.0  |
| Pentachlorophenol           | 0.132 | 0.143  | 0.010      | 8.6514  | 50.0  |
| Phenanthrene                | 1.028 | 1.071  | 0.200      | 4.2706  | 50.0  |
| Pentachlorobenzene          | 0.250 | 0.262  | 0.050      | 4.8719  | 50.0  |
| Anthracene                  | 1.039 | 1.098  | 0.200      | 5.705   | 50.0  |
| 1,2,3,4-Tetrachlorobenzene  | 0.246 | 0.269  | 0.050      | 9.6495  | 50.0  |
| Carbazole                   | 0.911 | 1.009  | 0.050      | 10.7525 | 50.0  |
| Di-n-butylphthalate         | 1.111 | 1.224  | 0.500      | 10.0999 | 50.0  |
| Fluoranthene                | 1.278 | 1.355  | 0.400      | 5.9693  | 50.0  |
| Pyrene                      | 1.350 | 1.411  | 0.400      | 4.5045  | 50.0  |
| Butylbenzylphthalate        | 0.516 | 0.591  | 0.100      | 14.7003 | 50.0  |
| 3,3-Dichlorobenzidine       | 0.367 | 0.414  | 0.010      | 12.6718 | 50.0  |
| Benzo(a)anthracene          | 1.335 | 1.399  | 0.300      | 4.7898  | 50.0  |
| Chrysene                    | 1.260 | 1.346  | 0.200      | 6.8498  | 50.0  |
| Bis(2-ethylhexyl)phthalate  | 0.760 | 0.882  | 0.200      | 15.949  | 50.0  |
| Di-n-octyl phthalate        | 1.267 | 1.505  | 0.010      | 18.8226 | 50.0  |
| Benzo(b)fluoranthene        | 1.177 | 1.280  | 0.200      | 8.7117  | 50.0  |
| Benzo(k)fluoranthene        | 1.195 | 1.321  | 0.200      | 10.5152 | 50.0  |
| Benzo(a)pyrene              | 1.112 | 1.182  | 0.200      | 6.276   | 50.0  |
| Indeno(1,2,3-cd)pyrene      | 1.202 | 1.219  | 0.200      | 1.3858  | 50.0  |
| Dibenzo(a,h)anthracene      | 1.012 | 1.017  | 0.200      | 0.494   | 50.0  |
| Benzo(g,h,i)perylene        | 0.944 | 0.959  | 0.200      | 1.6236  | 50.0  |
| 2,3,4,6-Tetrachlorophenol   | 0.303 | 0.343  | 0.040      | 13.4267 | 50.0  |
| 1,4-Dioxane-d8              | 0.427 | 0.451  | 0.010      | 5.7526  | 50.0  |
| Pyridine-d5                 | 1.279 | 1.282  | 0.010      | 0.2668  | 50.0  |
| Phenol-d5                   | 1.618 | 1.629  | 0.010      | 0.7014  | 50.0  |
| Bis-(2-Chloroethyl)ether-d8 | 0.999 | 0.993  | 0.050      | -0.5875 | 50.0  |
| 2-Chlorophenol-d4           | 1.227 | 1.338  | 0.200      | 9.0332  | 50.0  |
| 4-Methylphenol-d8           | 1.356 | 1.340  | 0.010      | -1.2136 | 50.0  |

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BN040224 SAS No.: BN040224 SDG No.: BN040224

Instrument ID: BNA\_N Calibration Date/Time: 4/1/2024 12:22:56

Lab File ID: BN030600.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020334 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-------------------------------|-------|--------|------------|---------|-------|
| Nitrobenzene-d5               | 0.139 | 0.153  | 0.050      | 10.422  | 50.0  |
| 2-Nitrophenol-d4              | 0.127 | 0.154  | 0.050      | 21.1731 | 50.0  |
| 2,4-Dichlorophenol-d3         | 0.278 | 0.305  | 0.060      | 9.9337  | 50.0  |
| 4-Chloroaniline-d4            | 0.457 | 0.458  | 0.010      | 0.1927  | 50.0  |
| Dimethylphthalate-d6          | 1.335 | 1.399  | 0.300      | 4.7371  | 50.0  |
| Acenaphthylene-d8             | 1.535 | 1.659  | 0.400      | 8.0363  | 50.0  |
| 4-Nitrophenol-d4              | 0.255 | 0.273  | 0.010      | 6.8689  | 50.0  |
| Fluorene-d10                  | 1.169 | 1.232  | 0.100      | 5.4744  | 50.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.088 | 0.089  | 0.010      | 0.289   | 50.0  |
| Anthracene-d10                | 0.862 | 0.905  | 0.300      | 5.0542  | 50.0  |
| Pyrene-d10                    | 1.075 | 1.142  | 0.300      | 6.2273  | 50.0  |
| Benzo (a) pyrene-d12          | 0.922 | 1.003  | 0.010      | 8.7963  | 50.0  |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/30/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/30/2024 12:00:00 AM |
| Client Sample ID:  | SBLK896        | SDG No.:        | BN040224              |
| Lab Sample ID:     | PB159896BL     | 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 |
| BN030583.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| 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  |
| 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  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/30/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/30/2024 12:00:00 AM |
| Client Sample ID:  | SBLK896        | SDG No.:        | BN040224              |
| Lab Sample ID:     | PB159896BL     | 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 |
| BN030583.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 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  |
| 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  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/30/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/30/2024 12:00:00 AM |
| Client Sample ID:  | SBLK896        | SDG No.:        | BN040224              |
| Lab Sample ID:     | PB159896BL     | 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 |
| BN030583.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number                | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 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                | 5.698   |           | 15-120 |     | 71         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 27.756  |           | 20-120 |     | 69         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 26.773  |           | 10-130 |     | 67         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 27.174  |           | 25-120 |     | 68         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 29.025  |           | 20-130 |     | 73         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 25.872  |           | 25-125 |     | 65         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 30.044  |           | 20-125 |     | 75         | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 33.725  |           | 20-130 |     | 84         | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 28.089  |           | 20-120 |     | 70         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 14.575  |           | 1-146  |     | 36         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 28.761  |           | 25-130 |     | 72         | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 28.578  |           | 10-130 |     | 71         | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 27.94   |           | 10-150 |     | 70         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 28.511  |           | 25-125 |     | 71         | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 25.242  |           | 10-130 |     | 63         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 30.044  |           | 25-130 |     | 75         | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 28.318  |           | 15-130 |     | 71         | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 31.419  |           | 20-130 |     | 79         | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 415996  | 7.699     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 1820414 | 10.481    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 1189910 | 14.339    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 2497124 | 17.086    |        |     |            |          |



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## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/30/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/30/2024 12:00:00 AM |
| Client Sample ID:  | SBLK896        | SDG No.:        | BN040224              |
| Lab Sample ID:     | PB159896BL     | 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 |
| BN030583.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number                            | Parameter     | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|---------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12  | 2451231 | 21.327    |     |     |            |       |
| 1520-96-3                             | Perylene-d12  | 2715066 | 24.268    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |               |         |           |     |     |            |       |
| E966796                               | Total Alkanes | 1.9     | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                  |                 |                       |
|--------------------|------------------|-----------------|-----------------------|
| Client:            |                  | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-9D(20240327) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-08         | 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 |
| BN030584.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| 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  |
| 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  |

## Report of Analysis

|                    |                  |                 |                       |
|--------------------|------------------|-----------------|-----------------------|
| Client:            |                  | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-9D(20240327) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-08         | 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 |
| BN030584.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 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  |
| 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  |

## Report of Analysis

|                    |                  |                 |                       |
|--------------------|------------------|-----------------|-----------------------|
| Client:            |                  | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-9D(20240327) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-08         | 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 |
| BN030584.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number                | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 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                | 5.936   |           | 15-120 |     | 74         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 14.551  |           | 20-120 |     | 36         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 9.597   |           | 10-130 |     | 24         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 37.968  |           | 25-120 |     | 95         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 32.51   |           | 20-130 |     | 81         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 20.594  |           | 25-125 |     | 51         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 41.697  |           | 20-125 |     | 104        | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 43.306  |           | 20-130 |     | 108        | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 36.555  |           | 20-120 |     | 91         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 32.757  |           | 1-146  |     | 82         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 41.586  |           | 25-130 |     | 104        | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 41.596  |           | 10-130 |     | 104        | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 7.979   |           | 10-150 |     | 20         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 41.682  |           | 25-125 |     | 104        | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 35.532  |           | 10-130 |     | 89         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 43.553  |           | 25-130 |     | 109        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 43.203  |           | 15-130 |     | 108        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 47.317  |           | 20-130 |     | 118        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 241823  | 7.698     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 1056081 | 10.486    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 698210  | 14.339    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 1436081 | 17.086    |        |     |            |          |



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## Report of Analysis

|                    |                  |                 |                       |
|--------------------|------------------|-----------------|-----------------------|
| Client:            |                  | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-9D(20240327) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-08         | 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 |
| BN030584.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|-------------------------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12                  | 1370429 | 21.321    |     |     |            |       |
| 1520-96-3                             | Perylene-d12                  | 1375719 | 24.262    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |     |     |            |       |
| 000105-60-2                           | Capro lactam                  | 4.3     | J         |     |     | 11.404     |       |
| 000634-66-2                           | Benzene, 1,2,3,4-tetrachloro- | 3.3     | J         |     |     | 12.516     |       |
| 000095-95-4                           | Phenol, 2,4,5-trichloro-      | 3.7     | J         |     |     | 12.828     |       |
| 000634-90-2                           | Benzene, 1,2,3,5-tetrachloro- | 4.9     | J         |     |     | 13.128     |       |
| 000933-75-5                           | Phenol, 2,3,6-trichloro-      | 4.8     | J         |     |     | 13.163     |       |
| E966796                               | Total Alkanes                 | 1.9     | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-9D(20240327)MS | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-09MS         | 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 |
| BN030585.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 10    |           | 0.31 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 48    |           | 1.4  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 17    |           | 0.85 | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 11    |           | 1.7  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 41    |           | 1.5  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 35    |           | 1.1  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 27    |           | 1.5  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 40    |           | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 41    |           | 2.1  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 23    |           | 1.6  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 40    |           | 1.4  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 39    |           | 0.89 | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 45    |           | 1.3  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 45    |           | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 48    |           | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 36    |           | 0.72 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 43    |           | 1.4  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 46    |           | 1.4  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 43    |           | 1.5  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 35    |           | 1.7  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 43    |           | 1.1  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 17    |           | 1.3  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 38    |           | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 42    |           | 0.97 | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 43    |           | 1.5  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 39    |           | 1.4  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 49    |           | 1.9  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 55    |           | 1.7  | 2.5 | 5          | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 44    |           | 1.9  | 2.5 | 5          | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 45    |           | 1.8  | 2.5 | 5          | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 50    |           | 1.2  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-9D(20240327)MS | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-09MS         | 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 |
| BN030585.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 45    |           | 1.6  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 50    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 45    |           | 1.8  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 47    |           | 0.86 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 44    |           | 1.9  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 49    |           | 1.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 13    |           | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 45    |           | 1.7  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 50    |           | 0.97 | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 46    |           | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 44    |           | 2    | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 43    |           | 1.9  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 57    |           | 0.6  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 50    |           | 1.7  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 46    |           | 1.7  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 48    |           | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 47    |           | 2.7  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 46    |           | 1.9  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 45    |           | 1.2  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 48    |           | 1.7  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 46    |           | 1.8  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 46    |           | 1.3  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 46    |           | 1.7  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 54    |           | 0.75 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 49    |           | 2    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 50    |           | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 46    |           | 1.7  | 5   | 5          | ug/L  |
| 129-00-0   | Pyrene                     | 46    |           | 1.7  | 2.5 | 5          | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 54    |           | 1.5  | 2.5 | 5          | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 42    |           | 1.4  | 5   | 10         | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 46    |           | 1.5  | 2.5 | 5          | ug/L  |
| 218-01-9   | Chrysene                   | 46    |           | 1.7  | 2.5 | 5          | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 51    |           | 1.5  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-9D(20240327)MS | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-09MS         | 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 |
| BN030585.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number                | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 54      |           | 1.3    | 5   | 10         | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 50      |           | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 49      |           | 2.2    | 2.5 | 5          | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 49      |           | 2      | 2.5 | 5          | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 47      |           | 1.9    | 2.5 | 5          | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 47      |           | 2      | 2.5 | 5          | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 46      |           | 1.9    | 2.5 | 5          | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 49      |           | 1.8    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b>         |                               |         |           |        |     |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 6.174   |           | 15-120 |     | 77         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 15.939  |           | 20-120 |     | 40         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 10.448  |           | 10-130 |     | 26         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 40.561  |           | 25-120 |     | 101        | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 35.275  |           | 20-130 |     | 88         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 21.982  |           | 25-125 |     | 55         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 46.083  |           | 20-125 |     | 115        | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 50.106  |           | 20-130 |     | 125        | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 42.526  |           | 20-120 |     | 106        | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 35.173  |           | 1-146  |     | 88         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 44.739  |           | 25-130 |     | 112        | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 44.72   |           | 10-130 |     | 112        | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 12.115  |           | 10-150 |     | 30         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 43.896  |           | 25-125 |     | 110        | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 49.34   |           | 10-130 |     | 123        | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 45.878  |           | 25-130 |     | 115        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 45.194  |           | 15-130 |     | 113        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 48.707  |           | 20-130 |     | 122        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 238113  | 7.699     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 1022659 | 10.493    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 681579  | 14.34     |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 1407301 | 17.087    |        |     |            |          |



Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-9D(20240327)MS | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-09MS         | 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 |
| BN030585.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number                     | Parameter     | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------------------------|---------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                      | Chrysene-d12  | 1325320 | 21.327    |     |     |            |       |
| 1520-96-3                      | Perylene-d12  | 1370874 | 24.274    |     |     |            |       |
| TENTATIVE IDENTIFIED COMPOUNDS |               |         |           |     |     |            |       |
| E966796                        | Total Alkanes | 1.9     | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-9D(20240327)MSD | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-10MSD         | 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 |
| BN030586.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 11    |           | 0.31 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 54    |           | 1.4  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 19    |           | 0.85 | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 13    |           | 1.7  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 46    |           | 1.5  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 39    |           | 1.1  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 30    |           | 1.5  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 43    |           | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 44    |           | 2.1  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 26    |           | 1.6  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 45    |           | 1.4  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 44    |           | 0.89 | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 49    |           | 1.3  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 49    |           | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 53    |           | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 39    |           | 0.72 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 46    |           | 1.4  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 50    |           | 1.4  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 46    |           | 1.5  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 39    |           | 1.7  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 47    |           | 1.1  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 19    |           | 1.3  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 42    |           | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 46    |           | 0.97 | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 46    |           | 1.5  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 43    |           | 1.4  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 53    |           | 1.9  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 61    |           | 1.7  | 2.5 | 5          | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 49    |           | 1.9  | 2.5 | 5          | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 49    |           | 1.8  | 2.5 | 5          | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 55    |           | 1.2  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-9D(20240327)MSD | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-10MSD         | 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 |
| BN030586.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 50    |           | 1.6  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 56    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 50    |           | 1.8  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 52    |           | 0.86 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 49    |           | 1.9  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 55    |           | 1.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 14    |           | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 48    |           | 1.7  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 56    |           | 0.97 | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 50    |           | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 49    |           | 2    | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 47    |           | 1.9  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 63    |           | 0.6  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 56    |           | 1.7  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 49    |           | 1.7  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 53    |           | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 52    |           | 2.7  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 49    |           | 1.9  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 48    |           | 1.2  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 53    |           | 1.7  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 50    |           | 1.8  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 49    |           | 1.3  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 50    |           | 1.7  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 59    |           | 0.75 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 53    |           | 2    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 53    |           | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 50    |           | 1.7  | 5   | 5          | ug/L  |
| 129-00-0   | Pyrene                     | 49    |           | 1.7  | 2.5 | 5          | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 58    |           | 1.5  | 2.5 | 5          | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 46    |           | 1.4  | 5   | 10         | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 50    |           | 1.5  | 2.5 | 5          | ug/L  |
| 218-01-9   | Chrysene                   | 50    |           | 1.7  | 2.5 | 5          | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 56    |           | 1.5  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-9D(20240327)MSD | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-10MSD         | 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 |
| BN030586.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number                | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 60      |           | 1.3    | 5   | 10         | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 56      |           | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 53      |           | 2.2    | 2.5 | 5          | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 53      |           | 2      | 2.5 | 5          | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 52      |           | 1.9    | 2.5 | 5          | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 52      |           | 2      | 2.5 | 5          | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 51      |           | 1.9    | 2.5 | 5          | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 52      |           | 1.8    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b>         |                               |         |           |        |     |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 6.652   |           | 15-120 |     | 83         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 16.94   |           | 20-120 |     | 42         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 11.614  |           | 10-130 |     | 29         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 44.756  |           | 25-120 |     | 112        | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 39.017  |           | 20-130 |     | 98         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 24.812  |           | 25-125 |     | 62         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 50.75   | *         | 20-125 |     | 127        | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 55.702  | *         | 20-130 |     | 139        | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 46.291  |           | 20-120 |     | 116        | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 38.02   |           | 1-146  |     | 95         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 49.113  |           | 25-130 |     | 123        | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 49.737  |           | 10-130 |     | 124        | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 13.411  |           | 10-150 |     | 34         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 48.546  |           | 25-125 |     | 121        | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 54.22   | *         | 10-130 |     | 136        | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 49.446  |           | 25-130 |     | 124        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 49.42   |           | 15-130 |     | 124        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 54.291  | *         | 20-130 |     | 136        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 214462  | 7.693     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 934076  | 10.487    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 613165  | 14.34     |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 1291494 | 17.087    |        |     |            |          |



Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-9D(20240327)MSD | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-10MSD         | 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 |
| BN030586.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number                     | Parameter     | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------------------------|---------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                      | Chrysene-d12  | 1215956 | 21.333    |     |     |            |       |
| 1520-96-3                      | Perylene-d12  | 1237042 | 24.274    |     |     |            |       |
| TENTATIVE IDENTIFIED COMPOUNDS |               |         |           |     |     |            |       |
| E966796                        | Total Alkanes | 1.9     | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | FB(20240327)   | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-11       | 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 |
| BN030587.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| 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  |
| 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  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | FB(20240327)   | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-11       | 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 |
| BN030587.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 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  |
| 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  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | FB(20240327)   | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-11       | 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 |
| BN030587.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number                | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 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                | 5.624   |           | 15-120 |     | 70         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 7.705   | *         | 20-120 |     | 19         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 7.97    |           | 10-130 |     | 20         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 38.878  |           | 25-120 |     | 97         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 31.997  |           | 20-130 |     | 80         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 17.534  |           | 25-125 |     | 44         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 42.44   |           | 20-125 |     | 106        | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 43.826  |           | 20-130 |     | 110        | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 34.814  |           | 20-120 |     | 87         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 28.607  |           | 1-146  |     | 72         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 40.387  |           | 25-130 |     | 101        | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 41.013  |           | 10-130 |     | 103        | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 6.061   |           | 10-150 |     | 15         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 40.798  |           | 25-125 |     | 102        | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 32.243  |           | 10-130 |     | 81         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 42.596  |           | 25-130 |     | 106        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 43.201  |           | 15-130 |     | 108        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 47.089  |           | 20-130 |     | 118        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 198884  | 7.693     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 884605  | 10.481    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 593246  | 14.34     |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 1266360 | 17.086    |        |     |            |          |



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## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | FB(20240327)   | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-11       | 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 |
| BN030587.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number                            | Parameter     | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|---------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12  | 1218958 | 21.322    |     |     |            |       |
| 1520-96-3                             | Perylene-d12  | 1282144 | 24.268    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |               |         |           |     |     |            |       |
| E966796                               | Total Alkanes | 1.9     | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                  |                 |                       |
|--------------------|------------------|-----------------|-----------------------|
| Client:            |                  | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-9S(20240327) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-12         | 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 |
| BN030588.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| 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  |
| 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  |

## Report of Analysis

|                    |                  |                 |                       |
|--------------------|------------------|-----------------|-----------------------|
| Client:            |                  | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-9S(20240327) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-12         | 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 |
| BN030588.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 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  |
| 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  |

## Report of Analysis

|                    |                  |                 |                       |
|--------------------|------------------|-----------------|-----------------------|
| Client:            |                  | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-9S(20240327) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-12         | 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 |
| BN030588.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number                | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 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                | 6.233   |           | 15-120 |     | 78         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 15.26   |           | 20-120 |     | 38         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 11.269  |           | 10-130 |     | 28         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 35.218  |           | 25-120 |     | 88         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 31.18   |           | 20-130 |     | 78         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 22.033  |           | 25-125 |     | 55         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 36.957  |           | 20-125 |     | 92         | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 38.457  |           | 20-130 |     | 96         | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 33.578  |           | 20-120 |     | 84         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 30.14   |           | 1-146  |     | 75         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 40.971  |           | 25-130 |     | 102        | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 38.953  |           | 10-130 |     | 97         | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 10.794  |           | 10-150 |     | 27         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 39.813  |           | 25-125 |     | 100        | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 32.265  |           | 10-130 |     | 81         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 40.929  |           | 25-130 |     | 102        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 42.588  |           | 15-130 |     | 106        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 46.675  |           | 20-130 |     | 117        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 216402  | 7.699     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 979881  | 10.481    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 637889  | 14.34     |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 1366607 | 17.086    |        |     |            |          |



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## Report of Analysis

|                    |                  |                 |                       |
|--------------------|------------------|-----------------|-----------------------|
| Client:            |                  | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-9S(20240327) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-12         | 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 |
| BN030588.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number                            | Parameter            | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|----------------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12         | 1244777 | 21.322    |     |     |            |       |
| 1520-96-3                             | Perylene-d12         | 1284283 | 24.268    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                      |         |           |     |     |            |       |
| 000105-60-2                           | Capro lactam         | 3       | J         |     |     | 11.41      |       |
| 000130-15-4                           | 1,4-Naphthalenedione | 14      | J         |     |     | 13.581     |       |
| 000134-32-7                           | 1-Naphthalenamine    | 120     | J         |     |     | 14.898     |       |
| 000091-59-8                           | 2-Naphthalenamine    | 3       | J         |     |     | 15.04      |       |
| E966796                               | Total Alkanes        | 1.9     | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-1(20240327) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-13        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990 Units: mL   | Final Vol:      | 1000 uL               |
| Soil Aliquot Vol:  | uL              | Test:           |                       |
| Extraction Type :  | Decanted :      | Level :         | LOW                   |
| Injection Volume : | GPC Factor :    | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BN030589.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.31  | U         | 0.31 | 0.51 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 1.4   | U         | 1.4  | 5.1  | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 0.86  | U         | 0.86 | 10.1 | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.7   | U         | 1.7  | 5.1  | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.5   | U         | 1.5  | 5.1  | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.1   | U         | 1.1  | 2.5  | 5.1        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.5   | U         | 1.5  | 5.1  | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 5.1  | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 2.1   | U         | 2.1  | 5.1  | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.6   | U         | 1.6  | 5.1  | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.4   | U         | 1.4  | 2.5  | 5.1        | ug/L  |
| 67-72-1        | Hexachloroethane            | 0.9   | U         | 0.9  | 2.5  | 5.1        | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.3   | U         | 1.3  | 2.5  | 5.1        | ug/L  |
| 78-59-1        | Isophorone                  | 1.4   | U         | 1.4  | 2.5  | 5.1        | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.4   | U         | 1.4  | 2.5  | 5.1        | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.73  | U         | 0.73 | 2.5  | 5.1        | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.4   | U         | 1.4  | 2.5  | 5.1        | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.4   | U         | 1.4  | 2.5  | 5.1        | ug/L  |
| 91-20-3        | Naphthalene                 | 1.5   | U         | 1.5  | 2.5  | 5.1        | 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  | 5.1        | ug/L  |
| 105-60-2       | Caprolactam                 | 1.3   | U         | 1.3  | 5.1  | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.4   | U         | 1.4  | 2.5  | 5.1        | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 0.98  | U         | 0.98 | 2.5  | 5.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.5   | U         | 1.5  | 2.5  | 5.1        | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 1.4   | U         | 1.4  | 5.1  | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1.9   | U         | 1.9  | 2.5  | 5.1        | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.7   | U         | 1.7  | 2.5  | 5.1        | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 1.9   | U         | 1.9  | 2.5  | 5.1        | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 1.8   | U         | 1.8  | 2.5  | 5.1        | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 1.2   | U         | 1.2  | 2.5  | 5.1        | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-1(20240327) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-13        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990 Units: mL   | Final Vol:      | 1000 uL               |
| Soil Aliquot Vol:  | uL              | Test:           |                       |
| Extraction Type :  | Decanted :      | Level :         | LOW                   |
| Injection Volume : | GPC Factor :    | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BN030589.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 1.6   | U         | 1.6  | 2.5 | 5.1        | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5.1        | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.8   | U         | 1.8  | 2.5 | 5.1        | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.87  | U         | 0.87 | 5.1 | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.9   | U         | 1.9  | 2.5 | 5.1        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 1.9   | U         | 1.9  | 5.1 | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.5   | U         | 1.5  | 5.1 | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.7   | U         | 1.7  | 2.5 | 5.1        | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 0.98  | U         | 0.98 | 2.5 | 5.1        | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.5   | U         | 1.5  | 2.5 | 5.1        | ug/L  |
| 86-73-7    | Fluorene                   | 2     | U         | 2    | 2.5 | 5.1        | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.9   | U         | 1.9  | 2.5 | 5.1        | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 0.61  | U         | 0.61 | 5.1 | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.7   | U         | 1.7  | 5.1 | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.7   | U         | 1.7  | 2.5 | 5.1        | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.8   | U         | 1.8  | 2.5 | 5.1        | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 2.7   | U         | 2.7  | 2.5 | 5.1        | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.9   | U         | 1.9  | 2.5 | 5.1        | ug/L  |
| 1912-24-9  | Atrazine                   | 1.2   | U         | 1.2  | 5.1 | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 1.7   | U         | 1.7  | 5.1 | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.8   | U         | 1.8  | 2.5 | 5.1        | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.3   | U         | 1.3  | 2.5 | 5.1        | ug/L  |
| 120-12-7   | Anthracene                 | 1.7   | U         | 1.7  | 2.5 | 5.1        | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.76  | U         | 0.76 | 2.5 | 5.1        | ug/L  |
| 86-74-8    | Carbazole                  | 2     | U         | 2    | 5.1 | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.7   | U         | 1.7  | 2.5 | 5.1        | ug/L  |
| 206-44-0   | Fluoranthene               | 1.7   | U         | 1.7  | 5.1 | 5.1        | ug/L  |
| 129-00-0   | Pyrene                     | 1.7   | U         | 1.7  | 2.5 | 5.1        | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 1.5   | U         | 1.5  | 2.5 | 5.1        | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 1.4   | U         | 1.4  | 5.1 | 10         | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 1.5   | U         | 1.5  | 2.5 | 5.1        | ug/L  |
| 218-01-9   | Chrysene                   | 1.7   | U         | 1.7  | 2.5 | 5.1        | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1.5   | U         | 1.5  | 2.5 | 5.1        | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-1(20240327) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-13        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990 Units: mL   | Final Vol:      | 1000 uL               |
| Soil Aliquot Vol:  | uL              | Test:           |                       |
| Extraction Type :  | Decanted :      | Level :         | LOW                   |
| Injection Volume : | GPC Factor :    | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BN030589.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number                | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 1.3     | U         | 1.3    | 5.1 | 10         | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 1.6     | U         | 1.6    | 2.5 | 5.1        | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 2.2     | U         | 2.2    | 2.5 | 5.1        | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 2       | U         | 2      | 2.5 | 5.1        | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 1.9     | U         | 1.9    | 2.5 | 5.1        | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 2       | U         | 2      | 2.5 | 5.1        | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 1.9     | U         | 1.9    | 2.5 | 5.1        | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 1.8     | U         | 1.8    | 2.5 | 5.1        | ug/L     |
| <b>SURROGATES</b>         |                               |         |           |        |     |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 6.791   |           | 15-120 |     | 85         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 15.808  |           | 20-120 |     | 40         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 10.392  |           | 10-130 |     | 26         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 39.154  |           | 25-120 |     | 98         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 33.505  |           | 20-130 |     | 84         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 21.811  |           | 25-125 |     | 55         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 42.501  |           | 20-125 |     | 106        | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 45.061  |           | 20-130 |     | 113        | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 38.191  |           | 20-120 |     | 95         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 32.308  |           | 1-146  |     | 81         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 43.169  |           | 25-130 |     | 108        | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 42.996  |           | 10-130 |     | 107        | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 8.718   |           | 10-150 |     | 22         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 42.59   |           | 25-125 |     | 106        | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 34.469  |           | 10-130 |     | 86         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 44.135  |           | 25-130 |     | 110        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 43.247  |           | 15-130 |     | 108        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 47.538  |           | 20-130 |     | 119        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 198603  | 7.699     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 874956  | 10.481    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 577769  | 14.34     |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 1219251 | 17.087    |        |     |            |          |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-1(20240327) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-13        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990 Units: mL   | Final Vol:      | 1000 uL               |
| Soil Aliquot Vol:  | uL              | Test:           |                       |
| Extraction Type :  | Decanted :      | Level :         | LOW                   |
| Injection Volume : | GPC Factor :    | GPC Cleanup :   | PH :                  |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BN030589.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number                     | Parameter                          | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------------------------|------------------------------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                      | Chrysene-d12                       | 1188414 | 21.322    |     |     |            |       |
| 1520-96-3                      | Perylene-d12                       | 1220025 | 24.263    |     |     |            |       |
| TENTATIVE IDENTIFIED COMPOUNDS |                                    |         |           |     |     |            |       |
| 000105-60-2                    | Capro lactam                       | 16      | J         |     |     | 11.41      |       |
|                                | unknown-01                         | 2.2     | J         |     |     | 15.557     |       |
| 1000131-87-0                   | Propanoic acid, 2-methyl-3-[4-t-bu | 68      | J         |     |     | 15.987     |       |
|                                | unknown-02                         | 2.2     | J         |     |     | 16.122     |       |
| E966796                        | Total Alkanes                      | 1.9     | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/30/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/30/2024 12:00:00 AM |
| Client Sample ID:  | SLCS896        | SDG No.:        | BN040224              |
| Lab Sample ID:     | PB159896BS     | 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 |
| BN030590.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 15    |           | 0.31 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 40    |           | 1.4  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 40    |           | 0.85 | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 41    |           | 1.7  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 40    |           | 1.5  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 42    |           | 1.1  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 40    |           | 1.5  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 38    |           | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 39    |           | 2.1  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 39    |           | 1.6  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 39    |           | 1.4  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 40    |           | 0.89 | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 42    |           | 1.3  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 41    |           | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 46    |           | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 40    |           | 0.72 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 39    |           | 1.4  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 42    |           | 1.4  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 40    |           | 1.5  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 36    |           | 1.7  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 41    |           | 1.1  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 41    |           | 1.3  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 41    |           | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 39    |           | 0.97 | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 40    |           | 1.5  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 40    |           | 1.4  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 46    |           | 1.9  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 43    |           | 1.7  | 2.5 | 5          | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 41    |           | 1.9  | 2.5 | 5          | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 42    |           | 1.8  | 2.5 | 5          | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 45    |           | 1.2  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/30/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/30/2024 12:00:00 AM |
| Client Sample ID:  | SLCS896        | SDG No.:        | BN040224              |
| Lab Sample ID:     | PB159896BS     | 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 |
| BN030590.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 41    |           | 1.6  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 46    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 42    |           | 1.8  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 45    |           | 0.86 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 41    |           | 1.9  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 43    |           | 1.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 43    |           | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 41    |           | 1.7  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 46    |           | 0.97 | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 41    |           | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 40    |           | 2    | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 40    |           | 1.9  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 53    |           | 0.6  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 45    |           | 1.7  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 42    |           | 1.7  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 42    |           | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 42    |           | 2.7  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 42    |           | 1.9  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 33    |           | 1.2  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 46    |           | 1.7  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 42    |           | 1.8  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 39    |           | 1.3  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 42    |           | 1.7  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 43    |           | 0.75 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 45    |           | 2    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 44    |           | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 42    |           | 1.7  | 5   | 5          | ug/L  |
| 129-00-0   | Pyrene                     | 42    |           | 1.7  | 2.5 | 5          | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 47    |           | 1.5  | 2.5 | 5          | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 53    |           | 1.4  | 5   | 10         | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 42    |           | 1.5  | 2.5 | 5          | ug/L  |
| 218-01-9   | Chrysene                   | 42    |           | 1.7  | 2.5 | 5          | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 46    |           | 1.5  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/30/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/30/2024 12:00:00 AM |
| Client Sample ID:  | SLCS896        | SDG No.:        | BN040224              |
| Lab Sample ID:     | PB159896BS     | 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 |
| BN030590.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number                | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 47      |           | 1.3    | 5   | 10         | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 44      |           | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 44      |           | 2.2    | 2.5 | 5          | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 44      |           | 2      | 2.5 | 5          | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 42      |           | 1.9    | 2.5 | 5          | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 43      |           | 2      | 2.5 | 5          | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 41      |           | 1.9    | 2.5 | 5          | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 44      |           | 1.8    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b>         |                               |         |           |        |     |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 8.452   |           | 15-120 |     | 106        | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 44.748  |           | 20-120 |     | 112        | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 43.382  |           | 10-130 |     | 108        | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 41.71   |           | 25-120 |     | 104        | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 45.187  |           | 20-130 |     | 113        | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 41.667  |           | 25-125 |     | 104        | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 45.615  |           | 20-125 |     | 114        | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 51.608  |           | 20-130 |     | 129        | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 46.181  |           | 20-120 |     | 115        | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 40.388  |           | 1-146  |     | 101        | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 43.328  |           | 25-130 |     | 108        | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 44.649  |           | 10-130 |     | 112        | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 47.072  |           | 10-150 |     | 118        | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 43.682  |           | 25-125 |     | 109        | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 46.947  |           | 10-130 |     | 117        | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 44.295  |           | 25-130 |     | 111        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 43.946  |           | 15-130 |     | 110        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 47.859  |           | 20-130 |     | 120        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 194291  | 7.699     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 862022  | 10.481    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 562847  | 14.34     |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 1172669 | 17.087    |        |     |            |          |



Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/30/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/30/2024 12:00:00 AM |
| Client Sample ID:  | SLCS896        | SDG No.:        | BN040224              |
| Lab Sample ID:     | PB159896BS     | 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 |
| BN030590.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159896      |

| CAS Number                     | Parameter     | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------------------------|---------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                      | Chrysene-d12  | 1104416 | 21.328    |     |     |            |       |
| 1520-96-3                      | Perylene-d12  | 1170441 | 24.269    |     |     |            |       |
| TENTATIVE IDENTIFIED COMPOUNDS |               |         |           |     |     |            |       |
| E966796                        | Total Alkanes | 1.9     | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                |                 |                      |
|--------------------|----------------|-----------------|----------------------|
| Client:            |                | Date Collected: | 4/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 4/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK926        | SDG No.:        | BN040224             |
| Lab Sample ID:     | PB159926BL     | 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 |
| BN030592.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| 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  |
| 110-86-1       | Pyridine                    | 0.85  | U         | 0.85 | 10  | 10         | ug/L  |
| 100-52-7       | Benzaldehyde                | 1.4   | U         | 1.4  | 5   | 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  |
| 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  |

## Report of Analysis

|                    |                |                 |                      |
|--------------------|----------------|-----------------|----------------------|
| Client:            |                | Date Collected: | 4/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 4/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK926        | SDG No.:        | BN040224             |
| Lab Sample ID:     | PB159926BL     | 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 |
| BN030592.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 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  |
| 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  |

## Report of Analysis

|                    |                |                 |                      |
|--------------------|----------------|-----------------|----------------------|
| Client:            |                | Date Collected: | 4/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 4/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK926        | SDG No.:        | BN040224             |
| Lab Sample ID:     | PB159926BL     | 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 |
| BN030592.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| CAS Number                | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 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                | 6.543   |           | 15-120 |     | 82         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 33.53   |           | 20-120 |     | 84         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 29.989  |           | 10-130 |     | 75         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 30.05   |           | 25-120 |     | 75         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 32.191  |           | 20-130 |     | 80         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 29.453  |           | 25-125 |     | 74         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 33.307  |           | 20-125 |     | 83         | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 36.763  |           | 20-130 |     | 92         | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 31.308  |           | 20-120 |     | 78         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 23.823  |           | 1-146  |     | 60         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 32.368  |           | 25-130 |     | 81         | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 32.614  |           | 10-130 |     | 82         | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 30.399  |           | 10-150 |     | 76         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 32.588  |           | 25-125 |     | 81         | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 25.629  |           | 10-130 |     | 64         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 31.853  |           | 25-130 |     | 80         | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 33.258  |           | 15-130 |     | 83         | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 34.36   |           | 20-130 |     | 86         | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 297660  | 7.699     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 1315518 | 10.481    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 862332  | 14.34     |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 1848356 | 17.086    |        |     |            |          |



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

## Report of Analysis

|                    |            |                 |                      |
|--------------------|------------|-----------------|----------------------|
| Client:            |            | Date Collected: | 4/1/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 4/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK926    | SDG No.:        | BN040224             |
| Lab Sample ID:     | PB159926BL | Matrix:         | Water                |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 100                  |
| Sample Wt/Vol:     | 1000       | Units:          | mL                   |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL              |
| Extraction Type :  |            | Test:           |                      |
|                    | Decanted : | Level :         | LOW                  |
| Injection Volume : |            | GPC Factor :    |                      |
|                    |            | GPC Cleanup :   | PH :                 |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BN030592.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| CAS Number                            | Parameter     | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|---------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12  | 1676976 | 21.322    |     |     |            |       |
| 1520-96-3                             | Perylene-d12  | 1562088 | 24.268    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |               |         |           |     |     |            |       |
| E966796                               | Total Alkanes | 1.9     | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | C0AM0          | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1929-06       | 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 |
| BN030593.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| 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  |
| 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  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | C0AM0          | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1929-06       | 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 |
| BN030593.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 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  |
| 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  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | C0AM0          | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1929-06       | 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 |
| BN030593.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| CAS Number                | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 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                | 6.37    |           | 15-120 |     | 80         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 10.437  |           | 20-120 |     | 26         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 8.015   |           | 10-130 |     | 20         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 38.773  |           | 25-120 |     | 97         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 31.193  |           | 20-130 |     | 78         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 18.62   |           | 25-125 |     | 47         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 42.058  |           | 20-125 |     | 105        | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 43.093  |           | 20-130 |     | 108        | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 35.594  |           | 20-120 |     | 89         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 32.787  |           | 1-146  |     | 82         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 45.722  |           | 25-130 |     | 114        | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 44.386  |           | 10-130 |     | 111        | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 7.044   |           | 10-150 |     | 18         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 46.662  |           | 25-125 |     | 117        | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 35.192  |           | 10-130 |     | 88         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 48.987  |           | 25-130 |     | 122        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 49.42   |           | 15-130 |     | 124        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 54.264  | *         | 20-130 |     | 136        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 202834  |           | 7.699  |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 913756  |           | 10.481 |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 588842  |           | 14.339 |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 1262285 |           | 17.086 |     |            |          |



Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | C0AM0      | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1929-06   | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000       | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000                  |
|                    |            |                 | uL                    |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BN030593.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| CAS Number                     | Parameter     | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------------------------|---------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                      | Chrysene-d12  | 1171643 | 21.321    |     |     |            |       |
| 1520-96-3                      | Perylene-d12  | 1212002 | 24.262    |     |     |            |       |
| TENTATIVE IDENTIFIED COMPOUNDS |               |         |           |     |     |            |       |
| E966796                        | Total Alkanes | 1.9     | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                  |                 |                       |
|--------------------|------------------|-----------------|-----------------------|
| Client:            |                  | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-8D(20240327) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-14         | 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 |
| BN030594.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| 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  |
| 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  |

## Report of Analysis

|                    |                  |                 |                       |
|--------------------|------------------|-----------------|-----------------------|
| Client:            |                  | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-8D(20240327) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-14         | 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 |
| BN030594.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 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  |
| 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  |

## Report of Analysis

|                    |                  |                 |                       |
|--------------------|------------------|-----------------|-----------------------|
| Client:            |                  | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-8D(20240327) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-14         | 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 |
| BN030594.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| CAS Number                | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 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                | 6.801   |           | 15-120 |     | 85         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 11.799  |           | 20-120 |     | 29         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 10.528  |           | 10-130 |     | 26         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 42.877  |           | 25-120 |     | 107        | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 36.645  |           | 20-130 |     | 92         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 22.987  |           | 25-125 |     | 57         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 46.1    |           | 20-125 |     | 115        | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 49.958  |           | 20-130 |     | 125        | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 41.243  |           | 20-120 |     | 103        | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 33.721  |           | 1-146  |     | 84         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 46.043  |           | 25-130 |     | 115        | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 45.736  |           | 10-130 |     | 114        | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 8.782   |           | 10-150 |     | 22         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 45.475  |           | 25-125 |     | 114        | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 36.048  |           | 10-130 |     | 90         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 47.445  |           | 25-130 |     | 119        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 46.923  |           | 15-130 |     | 117        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 50.46   |           | 20-130 |     | 126        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 201442  | 7.699     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 879350  | 10.481    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 580109  | 14.34     |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 1224192 | 17.086    |        |     |            |          |



Report of Analysis

|                    |                  |                 |                       |
|--------------------|------------------|-----------------|-----------------------|
| Client:            |                  | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-8D(20240327) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-14         | 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 |
| BN030594.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| CAS Number                     | Parameter     | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------------------------|---------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                      | Chrysene-d12  | 1149909 | 21.322    |     |     |            |       |
| 1520-96-3                      | Perylene-d12  | 1227115 | 24.263    |     |     |            |       |
| TENTATIVE IDENTIFIED COMPOUNDS |               |         |           |     |     |            |       |
| E966796                        | Total Alkanes | 1.9     | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                  |                 |                       |
|--------------------|------------------|-----------------|-----------------------|
| Client:            |                  | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | PMW-8S(20240328) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-15         | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC        | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990 Units: mL    | Final Vol:      | 1000 uL               |
| Soil Aliquot Vol:  | uL               | Test:           |                       |
| Extraction Type :  | Decanted :       | Level :         | LOW                   |
| Injection Volume : | GPC Factor :     | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BN030595.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.31  | U         | 0.31 | 0.51 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 1.4   | U         | 1.4  | 5.1  | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 0.86  | U         | 0.86 | 10.1 | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.7   | U         | 1.7  | 5.1  | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.5   | U         | 1.5  | 5.1  | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.1   | U         | 1.1  | 2.5  | 5.1        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.5   | U         | 1.5  | 5.1  | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 5.1  | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 2.1   | U         | 2.1  | 5.1  | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.6   | U         | 1.6  | 5.1  | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.4   | U         | 1.4  | 2.5  | 5.1        | ug/L  |
| 67-72-1        | Hexachloroethane            | 0.9   | U         | 0.9  | 2.5  | 5.1        | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.3   | U         | 1.3  | 2.5  | 5.1        | ug/L  |
| 78-59-1        | Isophorone                  | 1.4   | U         | 1.4  | 2.5  | 5.1        | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.4   | U         | 1.4  | 2.5  | 5.1        | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.73  | U         | 0.73 | 2.5  | 5.1        | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.4   | U         | 1.4  | 2.5  | 5.1        | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.4   | U         | 1.4  | 2.5  | 5.1        | ug/L  |
| 91-20-3        | Naphthalene                 | 1.5   | U         | 1.5  | 2.5  | 5.1        | 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  | 5.1        | ug/L  |
| 105-60-2       | Caprolactam                 | 1.3   | U         | 1.3  | 5.1  | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.4   | U         | 1.4  | 2.5  | 5.1        | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 0.98  | U         | 0.98 | 2.5  | 5.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.5   | U         | 1.5  | 2.5  | 5.1        | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 1.4   | U         | 1.4  | 5.1  | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1.9   | U         | 1.9  | 2.5  | 5.1        | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.7   | U         | 1.7  | 2.5  | 5.1        | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 1.9   | U         | 1.9  | 2.5  | 5.1        | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 1.8   | U         | 1.8  | 2.5  | 5.1        | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 1.2   | U         | 1.2  | 2.5  | 5.1        | ug/L  |

## Report of Analysis

|                    |                  |                 |                       |
|--------------------|------------------|-----------------|-----------------------|
| Client:            |                  | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | PMW-8S(20240328) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-15         | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC        | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990 Units: mL    | Final Vol:      | 1000 uL               |
| Soil Aliquot Vol:  | uL               | Test:           |                       |
| Extraction Type :  | Decanted :       | Level :         | LOW                   |
| Injection Volume : | GPC Factor :     | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BN030595.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 1.6   | U         | 1.6  | 2.5 | 5.1        | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5.1        | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.8   | U         | 1.8  | 2.5 | 5.1        | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.87  | U         | 0.87 | 5.1 | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.9   | U         | 1.9  | 2.5 | 5.1        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 1.9   | U         | 1.9  | 5.1 | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.5   | U         | 1.5  | 5.1 | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.7   | U         | 1.7  | 2.5 | 5.1        | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 0.98  | U         | 0.98 | 2.5 | 5.1        | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.5   | U         | 1.5  | 2.5 | 5.1        | ug/L  |
| 86-73-7    | Fluorene                   | 2     | U         | 2    | 2.5 | 5.1        | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.9   | U         | 1.9  | 2.5 | 5.1        | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 0.61  | U         | 0.61 | 5.1 | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.7   | U         | 1.7  | 5.1 | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.7   | U         | 1.7  | 2.5 | 5.1        | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.8   | U         | 1.8  | 2.5 | 5.1        | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 2.7   | U         | 2.7  | 2.5 | 5.1        | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.9   | U         | 1.9  | 2.5 | 5.1        | ug/L  |
| 1912-24-9  | Atrazine                   | 1.2   | U         | 1.2  | 5.1 | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 1.7   | U         | 1.7  | 5.1 | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.8   | U         | 1.8  | 2.5 | 5.1        | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.3   | U         | 1.3  | 2.5 | 5.1        | ug/L  |
| 120-12-7   | Anthracene                 | 1.7   | U         | 1.7  | 2.5 | 5.1        | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.76  | U         | 0.76 | 2.5 | 5.1        | ug/L  |
| 86-74-8    | Carbazole                  | 2     | U         | 2    | 5.1 | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.7   | U         | 1.7  | 2.5 | 5.1        | ug/L  |
| 206-44-0   | Fluoranthene               | 1.7   | U         | 1.7  | 5.1 | 5.1        | ug/L  |
| 129-00-0   | Pyrene                     | 1.7   | U         | 1.7  | 2.5 | 5.1        | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 1.5   | U         | 1.5  | 2.5 | 5.1        | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 1.4   | U         | 1.4  | 5.1 | 10         | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 1.5   | U         | 1.5  | 2.5 | 5.1        | ug/L  |
| 218-01-9   | Chrysene                   | 1.7   | U         | 1.7  | 2.5 | 5.1        | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1.5   | U         | 1.5  | 2.5 | 5.1        | ug/L  |

## Report of Analysis

|                    |                  |                 |                       |
|--------------------|------------------|-----------------|-----------------------|
| Client:            |                  | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | PMW-8S(20240328) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-15         | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC        | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990 Units: mL    | Final Vol:      | 1000 uL               |
| Soil Aliquot Vol:  | uL               | Test:           |                       |
| Extraction Type :  | Decanted :       | Level :         | LOW                   |
| Injection Volume : | GPC Factor :     | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BN030595.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| CAS Number                | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 1.3     | U         | 1.3    | 5.1 | 10         | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 1.6     | U         | 1.6    | 2.5 | 5.1        | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 2.2     | U         | 2.2    | 2.5 | 5.1        | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 2       | U         | 2      | 2.5 | 5.1        | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 1.9     | U         | 1.9    | 2.5 | 5.1        | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 2       | U         | 2      | 2.5 | 5.1        | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 1.9     | U         | 1.9    | 2.5 | 5.1        | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 1.8     | U         | 1.8    | 2.5 | 5.1        | ug/L     |
| <b>SURROGATES</b>         |                               |         |           |        |     |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 6.78    |           | 15-120 |     | 85         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 14.108  |           | 20-120 |     | 35         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 11.345  |           | 10-130 |     | 28         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 44.26   |           | 25-120 |     | 111        | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 37.749  |           | 20-130 |     | 94         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 24.532  |           | 25-125 |     | 61         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 46.784  |           | 20-125 |     | 117        | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 50.437  |           | 20-130 |     | 126        | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 44.152  |           | 20-120 |     | 110        | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 33.387  |           | 1-146  |     | 83         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 48.935  |           | 25-130 |     | 122        | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 48.402  |           | 10-130 |     | 121        | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 9.585   |           | 10-150 |     | 24         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 49.095  |           | 25-125 |     | 123        | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 38.17   |           | 10-130 |     | 95         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 51.398  |           | 25-130 |     | 128        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 50.145  |           | 15-130 |     | 125        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 56.17   | *         | 20-130 |     | 140        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 172816  | 7.699     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 768993  | 10.481    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 501001  | 14.34     |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 1054657 | 17.086    |        |     |            |          |



Report of Analysis

|                    |                  |                 |                       |
|--------------------|------------------|-----------------|-----------------------|
| Client:            |                  | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | PMW-8S(20240328) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-15         | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC        | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990 Units: mL    | Final Vol:      | 1000 uL               |
| Soil Aliquot Vol:  | uL               | Test:           |                       |
| Extraction Type :  | Decanted :       | Level :         | LOW                   |
| Injection Volume : | GPC Factor :     | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BN030595.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| CAS Number                     | Parameter              | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------------------------|------------------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                      | Chrysene-d12           | 1060430 | 21.322    |     |     |            |       |
| 1520-96-3                      | Perylene-d12           | 1121615 | 24.263    |     |     |            |       |
| TENTATIVE IDENTIFIED COMPOUNDS |                        |         |           |     |     |            |       |
| 000098-06-6                    | Benzene, tert-butyl-   | 2.4     | J         |     |     | 7.299      |       |
| 000541-73-1                    | Benzene, 1,3-dichloro- | 40      | J         |     |     | 7.581      |       |
| 000095-50-1                    | Benzene, 1,2-dichloro- | 3.6     | J         |     |     | 8.046      |       |
| 000105-60-2                    | Capro lactam           | 7.4     | J         |     |     | 11.404     |       |
| 000134-32-7                    | 1-Naphthalenamine      | 10      | J         |     |     | 14.887     |       |
| 000057-10-3                    | n-Hexadecanoic acid    | 3.7     | J         |     |     | 17.986     |       |
| 000057-11-4                    | Octadecanoic acid      | 3       | J         |     |     | 19.275     |       |
| E966796                        | Total Alkanes          | 1.9     | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                  |                 |                       |
|--------------------|------------------|-----------------|-----------------------|
| Client:            |                  | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | PMW-7S(20240328) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-16         | 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 |
| BN030596.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| 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  |
| 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  |

## Report of Analysis

|                    |                  |                 |                       |
|--------------------|------------------|-----------------|-----------------------|
| Client:            |                  | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | PMW-7S(20240328) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-16         | 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 |
| BN030596.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 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  |
| 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  |

## Report of Analysis

|                    |                  |                 |                       |
|--------------------|------------------|-----------------|-----------------------|
| Client:            |                  | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | PMW-7S(20240328) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-16         | 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 |
| BN030596.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| CAS Number                | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 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                | 6.734   |           | 15-120 |     | 84         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 16.056  |           | 20-120 |     | 40         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 11.195  |           | 10-130 |     | 28         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 41.023  |           | 25-120 |     | 103        | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 36.658  |           | 20-130 |     | 92         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 24.608  |           | 25-125 |     | 62         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 45.077  |           | 20-125 |     | 113        | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 47.712  |           | 20-130 |     | 119        | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 44.458  |           | 20-120 |     | 111        | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 38.377  |           | 1-146  |     | 96         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 50.26   |           | 25-130 |     | 126        | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 48.539  |           | 10-130 |     | 121        | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 9.727   |           | 10-150 |     | 24         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 48.588  |           | 25-125 |     | 121        | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 40.641  |           | 10-130 |     | 102        | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 51.997  |           | 25-130 |     | 130        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 51.075  |           | 15-130 |     | 128        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 57.22   | *         | 20-130 |     | 143        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 194897  | 7.699     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 874303  | 10.481    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 569502  | 14.339    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 1180600 | 17.086    |        |     |            |          |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | PMW-7S(20240328)       | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-16               | 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 |
| BN030596.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|------------------------------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12                       | 1134380 | 21.321    |     |     |            |       |
| 1520-96-3                             | Perylene-d12                       | 1136986 | 24.262    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |     |     |            |       |
| 000098-06-6                           | Benzene, tert-butyl-               | 5.4     | J         |     |     | 7.299      |       |
| 000105-60-2                           | Capro lactam                       | 3.9     | J         |     |     | 11.399     |       |
| 000091-59-8                           | 2-Naphthalenamine                  | 3       | J         |     |     | 14.887     |       |
| 119515-38-7                           | sec-Butyl 2-(2-hydroxyethyl)piperi | 4.4     | J         |     |     | 16.028     |       |
| 000599-61-1                           | Benzenamine, 3,3-sulfonylbis-      | 23      | J         |     |     | 23.121     |       |
| E966796                               | Total Alkanes                      | 1.9     | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | MW-7D(20240328) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-17        | 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 |
| BN030597.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| 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  |
| 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  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | MW-7D(20240328) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-17        | 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 |
| BN030597.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 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  |
| 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  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | MW-7D(20240328) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-17        | 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 |
| BN030597.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| CAS Number                | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 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                | 5.994   |           | 15-120 |     | 75         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 13.997  |           | 20-120 |     | 35         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 10.654  |           | 10-130 |     | 27         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 39.832  |           | 25-120 |     | 100        | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 34.815  |           | 20-130 |     | 87         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 22.14   |           | 25-125 |     | 55         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 43.125  |           | 20-125 |     | 108        | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 46.237  |           | 20-130 |     | 116        | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 38.693  |           | 20-120 |     | 97         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 29.025  |           | 1-146  |     | 73         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 42.125  |           | 25-130 |     | 105        | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 41.131  |           | 10-130 |     | 103        | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 8.682   |           | 10-150 |     | 22         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 41.65   |           | 25-125 |     | 104        | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 36.109  |           | 10-130 |     | 90         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 43.078  |           | 25-130 |     | 108        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 43.076  |           | 15-130 |     | 108        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 46.703  |           | 20-130 |     | 117        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 230669  | 7.699     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 1034610 | 10.481    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 683211  | 14.339    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 1434168 | 17.086    |        |     |            |          |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | MW-7D(20240328) | SDG No.:        | BN040224              |
| Lab Sample ID:     | P1925-17        | 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 |
| BN030597.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| CAS Number                            | Parameter                    | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|------------------------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12                 | 1343010 | 21.321    |     |     |            |       |
| 1520-96-3                             | Perylene-d12                 | 1336972 | 24.262    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                              |         |           |     |     |            |       |
| 000111-90-0                           | Ethanol, 2-(2-ethoxyethoxy)- | 2.8     | J         |     |     | 7.299      |       |
| 000095-50-1                           | Benzene, 1,2-dichloro-       | 40      | J         |     |     | 7.581      |       |
| 000541-73-1                           | Benzene, 1,3-dichloro-       | 2.9     | J         |     |     | 8.046      |       |
| 000105-60-2                           | Capro lactam                 | 3.8     | J         |     |     | 11.399     |       |
| 000134-32-7                           | 1-Naphthalenamine            | 3.4     | J         |     |     | 14.887     |       |
| E966796                               | Total Alkanes                | 1.9     | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                |                 |                      |
|--------------------|----------------|-----------------|----------------------|
| Client:            |                | Date Collected: | 4/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 4/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS926        | SDG No.:        | BN040224             |
| Lab Sample ID:     | PB159926BS     | 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 |
| BN030598.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 12    |           | 0.31 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 28    |           | 1.4  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 28    |           | 0.85 | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 31    |           | 1.7  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 30    |           | 1.5  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 32    |           | 1.1  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 30    |           | 1.5  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 29    |           | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 29    |           | 2.1  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 30    |           | 1.6  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 29    |           | 1.4  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 31    |           | 0.89 | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 31    |           | 1.3  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 30    |           | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 34    |           | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 30    |           | 0.72 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 29    |           | 1.4  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 31    |           | 1.4  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 31    |           | 1.5  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 29    |           | 1.7  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 31    |           | 1.1  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 30    |           | 1.3  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 31    |           | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 29    |           | 0.97 | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 30    |           | 1.5  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 29    |           | 1.4  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 34    |           | 1.9  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 32    |           | 1.7  | 2.5 | 5          | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 31    |           | 1.9  | 2.5 | 5          | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 31    |           | 1.8  | 2.5 | 5          | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 33    |           | 1.2  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                      |
|--------------------|----------------|-----------------|----------------------|
| Client:            |                | Date Collected: | 4/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 4/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS926        | SDG No.:        | BN040224             |
| Lab Sample ID:     | PB159926BS     | 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 |
| BN030598.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 31    |           | 1.6  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 34    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 32    |           | 1.8  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 33    |           | 0.86 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 31    |           | 1.9  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 31    |           | 1.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 31    |           | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 30    |           | 1.7  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 34    |           | 0.97 | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 31    |           | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 31    |           | 2    | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 30    |           | 1.9  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 38    |           | 0.6  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 33    |           | 1.7  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 32    |           | 1.7  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 31    |           | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 31    |           | 2.7  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 31    |           | 1.9  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 21    |           | 1.2  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 32    |           | 1.7  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 32    |           | 1.8  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 31    |           | 1.3  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 32    |           | 1.7  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 32    |           | 0.75 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 33    |           | 2    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 33    |           | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 31    |           | 1.7  | 5   | 5          | ug/L  |
| 129-00-0   | Pyrene                     | 31    |           | 1.7  | 2.5 | 5          | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 35    |           | 1.5  | 2.5 | 5          | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 36    |           | 1.4  | 5   | 10         | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 32    |           | 1.5  | 2.5 | 5          | ug/L  |
| 218-01-9   | Chrysene                   | 31    |           | 1.7  | 2.5 | 5          | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 35    |           | 1.5  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                      |
|--------------------|----------------|-----------------|----------------------|
| Client:            |                | Date Collected: | 4/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 4/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS926        | SDG No.:        | BN040224             |
| Lab Sample ID:     | PB159926BS     | 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 |
| BN030598.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| CAS Number                | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 35      |           | 1.3    | 5   | 10         | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 33      |           | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 32      |           | 2.2    | 2.5 | 5          | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 32      |           | 2      | 2.5 | 5          | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 30      |           | 1.9    | 2.5 | 5          | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 31      |           | 2      | 2.5 | 5          | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 30      |           | 1.9    | 2.5 | 5          | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 33      |           | 1.8    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b>         |                               |         |           |        |     |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 6.302   |           | 15-120 |     | 79         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 29.164  |           | 20-120 |     | 73         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 32.089  |           | 10-130 |     | 80         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 30.553  |           | 25-120 |     | 76         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 33.609  |           | 20-130 |     | 84         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 30.565  |           | 25-125 |     | 76         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 33.628  |           | 20-125 |     | 84         | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 37.649  |           | 20-130 |     | 94         | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 33.882  |           | 20-120 |     | 85         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 31.752  |           | 1-146  |     | 79         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 32.049  |           | 25-130 |     | 80         | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 32.486  |           | 10-130 |     | 81         | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 33.603  |           | 10-150 |     | 84         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 31.226  |           | 25-125 |     | 78         | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 33.213  |           | 10-130 |     | 83         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 32.463  |           | 25-130 |     | 81         | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 32.054  |           | 15-130 |     | 80         | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 33.622  |           | 20-130 |     | 84         | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 242221  | 7.693     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 1068199 | 10.481    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 702571  | 14.34     |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 1454187 | 17.087    |        |     |            |          |



Report of Analysis

|                    |            |                 |                      |
|--------------------|------------|-----------------|----------------------|
| Client:            |            | Date Collected: | 4/1/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 4/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS926    | SDG No.:        | BN040224             |
| Lab Sample ID:     | PB159926BS | Matrix:         | Water                |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 100                  |
| Sample Wt/Vol:     | 1000       | Units:          | mL                   |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000                 |
|                    |            |                 | uL                   |
| Extraction Type :  |            | Test:           |                      |
|                    | Decanted : | Level :         | LOW                  |
| Injection Volume : |            | GPC Factor :    |                      |
|                    |            | GPC Cleanup :   | PH :                 |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BN030598.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159926      |

| CAS Number                     | Parameter     | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------------------------|---------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                      | Chrysene-d12  | 1364286 | 21.322    |     |     |            |       |
| 1520-96-3                      | Perylene-d12  | 1434155 | 24.269    |     |     |            |       |
| TENTATIVE IDENTIFIED COMPOUNDS |               |         |           |     |     |            |       |
| E966796                        | Total Alkanes | 1.9     | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |           |              |    |                 |          |      |    |
|--------------------|-----------|--------------|----|-----------------|----------|------|----|
| Client:            |           |              |    | Date Collected: |          |      |    |
| Project:           |           |              |    | Date Received:  |          |      |    |
| Client Sample ID:  | SP        |              |    | SDG No.:        | BN040224 |      |    |
| Lab Sample ID:     | SP        |              |    | Matrix:         | Water    |      |    |
| Analytical Method: | SFAM_SVOC |              |    | % Moisture:     | 100      |      |    |
| Sample Wt/Vol:     | 1000      | Units:       | mL | Final Vol:      | 1000000  |      | 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 |
| BN030599.D        | 1         |           | 4/1/2024 12:00:00 AM |               |

| CAS Number     | Parameter                   | Conc.  | Qualifier | MDL  | LOD   | LOQ / CRQL | Units |
|----------------|-----------------------------|--------|-----------|------|-------|------------|-------|
| <b>TARGETS</b> |                             |        |           |      |       |            |       |
| 123-91-1       | 1,4-Dioxane                 | 29000  |           | 310  | 500   | 2000       | ug/L  |
| 100-52-7       | Benzaldehyde                | 120000 |           | 1400 | 5000  | 10000      | ug/L  |
| 110-86-1       | Pyridine                    | 82000  |           | 850  | 10000 | 10000      | ug/L  |
| 108-95-2       | Phenol                      | 86000  |           | 1700 | 5000  | 10000      | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 79000  |           | 1500 | 5000  | 10000      | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 89000  | E         | 1100 | 2500  | 5000       | ug/L  |
| 95-48-7        | 2-Methylphenol              | 84000  |           | 1500 | 5000  | 10000      | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 75000  |           | 1400 | 5000  | 10000      | ug/L  |
| 98-86-2        | Acetophenone                | 75000  |           | 2100 | 5000  | 10000      | ug/L  |
| 106-44-5       | 4-Methylphenol              | 83000  |           | 1600 | 5000  | 10000      | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 76000  |           | 1400 | 2500  | 5000       | ug/L  |
| 67-72-1        | Hexachloroethane            | 83000  | E         | 890  | 2500  | 5000       | ug/L  |
| 98-95-3        | Nitrobenzene                | 83000  | E         | 1300 | 2500  | 5000       | ug/L  |
| 78-59-1        | Isophorone                  | 81000  | E         | 1400 | 2500  | 5000       | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 94000  | E         | 1400 | 2500  | 5000       | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 86000  | E         | 720  | 2500  | 5000       | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 78000  |           | 1400 | 2500  | 5000       | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 88000  | E         | 1400 | 2500  | 5000       | ug/L  |
| 91-20-3        | Naphthalene                 | 79000  |           | 1500 | 2500  | 5000       | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 67000  |           | 1700 | 2500  | 10000      | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 79000  |           | 1100 | 2500  | 5000       | ug/L  |
| 105-60-2       | Caprolactam                 | 87000  |           | 1300 | 5000  | 10000      | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 85000  | E         | 1400 | 2500  | 5000       | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 76000  |           | 970  | 2500  | 5000       | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 77000  |           | 1500 | 2500  | 5000       | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 83000  |           | 1400 | 5000  | 10000      | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 96000  | E         | 1900 | 2500  | 5000       | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 93000  | E         | 1700 | 2500  | 5000       | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 79000  |           | 1900 | 2500  | 5000       | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 80000  | E         | 1800 | 2500  | 5000       | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 95000  | E         | 1200 | 2500  | 5000       | ug/L  |

## Report of Analysis

|                    |                |                 |            |
|--------------------|----------------|-----------------|------------|
| Client:            |                | Date Collected: |            |
| Project:           |                | Date Received:  |            |
| Client Sample ID:  | SP             | SDG No.:        | BN040224   |
| Lab Sample ID:     | SP             | Matrix:         | Water      |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 100        |
| Sample Wt/Vol:     | 1000 Units: mL | Final Vol:      | 1000000 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 |
| BN030599.D        | 1         |           | 4/1/2024 12:00:00 AM |               |

| CAS Number | Parameter                  | Conc.  | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|--------|-----------|------|------|------------|-------|
| 131-11-3   | Dimethylphthalate          | 79000  |           | 1600 | 2500 | 5000       | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 93000  | E         | 1300 | 2500 | 5000       | ug/L  |
| 208-96-8   | Acenaphthylene             | 79000  |           | 1800 | 2500 | 5000       | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 95000  |           | 860  | 5000 | 10000      | ug/L  |
| 83-32-9    | Acenaphthene               | 76000  |           | 1900 | 2500 | 5000       | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 110000 |           | 1900 | 5000 | 10000      | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 88000  |           | 1500 | 5000 | 10000      | ug/L  |
| 132-64-9   | Dibenzofuran               | 77000  |           | 1700 | 2500 | 5000       | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 92000  | E         | 970  | 2500 | 5000       | ug/L  |
| 84-66-2    | Diethylphthalate           | 78000  |           | 1500 | 2500 | 5000       | ug/L  |
| 86-73-7    | Fluorene                   | 71000  |           | 2000 | 2500 | 5000       | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 70000  |           | 1900 | 2500 | 5000       | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 110000 |           | 600  | 5000 | 10000      | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 93000  |           | 1700 | 5000 | 10000      | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 80000  |           | 1700 | 2500 | 5000       | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 84000  | E         | 1800 | 2500 | 5000       | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 79000  |           | 2700 | 2500 | 5000       | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 78000  |           | 1900 | 2500 | 5000       | ug/L  |
| 1912-24-9  | Atrazine                   | 86000  |           | 1200 | 5000 | 10000      | ug/L  |
| 87-86-5    | Pentachlorophenol          | 91000  |           | 1700 | 5000 | 10000      | ug/L  |
| 85-01-8    | Phenanthrene               | 75000  |           | 1800 | 2500 | 5000       | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 81000  | E         | 1300 | 2500 | 5000       | ug/L  |
| 120-12-7   | Anthracene                 | 75000  |           | 1700 | 2500 | 5000       | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 86000  | E         | 750  | 2500 | 5000       | ug/L  |
| 86-74-8    | Carbazole                  | 82000  |           | 2000 | 5000 | 10000      | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 81000  | E         | 1700 | 2500 | 5000       | ug/L  |
| 206-44-0   | Fluoranthene               | 81000  | E         | 1700 | 5000 | 5000       | ug/L  |
| 129-00-0   | Pyrene                     | 80000  |           | 1700 | 2500 | 5000       | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 95000  | E         | 1500 | 2500 | 5000       | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 89000  |           | 1400 | 5000 | 10000      | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 80000  |           | 1500 | 2500 | 5000       | ug/L  |
| 218-01-9   | Chrysene                   | 79000  |           | 1700 | 2500 | 5000       | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 83000  | E         | 1500 | 2500 | 5000       | ug/L  |

## Report of Analysis

|                    |           |              |    |                 |          |      |  |
|--------------------|-----------|--------------|----|-----------------|----------|------|--|
| Client:            |           |              |    | Date Collected: |          |      |  |
| Project:           |           |              |    | Date Received:  |          |      |  |
| Client Sample ID:  | SP        |              |    | SDG No.:        | BN040224 |      |  |
| Lab Sample ID:     | SP        |              |    | Matrix:         | Water    |      |  |
| Analytical Method: | SFAM_SVOC |              |    | % Moisture:     | 100      |      |  |
| Sample Wt/Vol:     | 1000      | Units:       | mL | Final Vol:      | 1000000  | 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 |
| BN030599.D        | 1         |           | 4/1/2024 12:00:00 AM |               |

| CAS Number                | Parameter                     | Conc.   | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|---------|-----------|--------|------|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 93000   |           | 1300   | 5000 | 10000      | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 84000   | E         | 1600   | 2500 | 5000       | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 85000   | E         | 2200   | 2500 | 5000       | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 75000   |           | 2000   | 2500 | 5000       | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 85000   | E         | 1900   | 2500 | 5000       | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 84000   | E         | 2000   | 2500 | 5000       | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 80000   | E         | 1900   | 2500 | 5000       | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 92000   | E         | 1800   | 2500 | 5000       | ug/L     |
| <b>SURROGATES</b>         |                               |         |           |        |      |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 0       | U         | 15-120 |      | 0          | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 0.022   | U         | 20-120 |      | 0          | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 0       | U         | 10-130 |      | 0          | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 0       | U         | 25-120 |      | 0          | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 0       | U         | 20-130 |      | 0          | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 0       | U         | 25-125 |      | 0          | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 0       | U         | 20-125 |      | 0          | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 0       | U         | 20-130 |      | 0          | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 0       | U         | 20-120 |      | 0          | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 0       | U         | 1-146  |      | 0          | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 0       | U         | 25-130 |      | 0          | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 0       | U         | 10-130 |      | 0          | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 0       | U         | 10-150 |      | 0          | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 0       | U         | 25-125 |      | 0          | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 0       | U         | 10-130 |      | 0          | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 0       | U         | 25-130 |      | 0          | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 0       | U         | 15-130 |      | 0          | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 0       | U         | 20-130 |      | 0          | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |      |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 238474  | 7.693     |        |      |            |          |
| 1146-65-2                 | Naphthalene-d8                | 1046287 | 10.481    |        |      |            |          |
| 15067-26-2                | Acenaphthene-d10              | 675856  | 14.34     |        |      |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 1408407 | 17.087    |        |      |            |          |



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## Report of Analysis

|                    |           |                 |            |
|--------------------|-----------|-----------------|------------|
| Client:            |           | Date Collected: |            |
| Project:           |           | Date Received:  |            |
| Client Sample ID:  | SP        | SDG No.:        | BN040224   |
| Lab Sample ID:     | SP        | Matrix:         | Water      |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 100        |
| Sample Wt/Vol:     | 1000      | Units:          | mL         |
| Soil Aliquot Vol:  |           | Final Vol:      | 1000000 uL |
| Extraction Type :  |           | Test:           |            |
| Injection Volume : |           | Level :         | LOW        |
|                    |           | Decanted :      |            |
|                    |           | GPC Factor :    |            |
|                    |           | GPC Cleanup :   | PH :       |

|                   |           |           |                      |               |
|-------------------|-----------|-----------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed        | Prep Batch ID |
| BN030599.D        | 1         |           | 4/1/2024 12:00:00 AM |               |

| CAS Number                            | Parameter     | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|---------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12  | 1221602 | 21.327    |     |     |            |       |
| 1520-96-3                             | Perylene-d12  | 1312130 | 24.268    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |               |         |           |     |     |            |       |
| E966796                               | Total Alkanes | 1900    | U         |     |     | 99         | ug/L  |

Hit Summary Sheet  
SW-846

SDG No.: BN040224

Client:

| Sample ID                           | Client ID        |       | Parameter                         | Concentration | C       | MDL           | RDL | Units |
|-------------------------------------|------------------|-------|-----------------------------------|---------------|---------|---------------|-----|-------|
| <b>Client ID : PMW-9D(20240327)</b> |                  |       |                                   |               |         |               |     |       |
| P1925-08                            | PMW-9D(20240327) | Water | Benzene, 1,2,3,4-tetrachloro-     | *             | 3.300   | J             |     |       |
| P1925-08                            | PMW-9D(20240327) | Water | Benzene, 1,2,3,5-tetrachloro-     | *             | 4.900   | J             |     |       |
| P1925-08                            | PMW-9D(20240327) | Water | Capro lactam                      | *             | 4.300   | J             |     |       |
| P1925-08                            | PMW-9D(20240327) | Water | Phenol, 2,3,6-trichloro-          | *             | 4.800   | J             |     |       |
| P1925-08                            | PMW-9D(20240327) | Water | Phenol, 2,4,5-trichloro-          | *             | 3.700   | J             |     |       |
| P1925-08                            | PMW-9D(20240327) | Water | Total Alkanes                     | *             | 0.000   | 1.9           | 5   | ug/L  |
|                                     |                  |       | <b>Total Tics :</b>               |               |         | <b>21.00</b>  |     |       |
|                                     |                  |       | <b>Total Concentration:</b>       |               |         | <b>21.00</b>  |     |       |
| <b>Client ID : FB(20240327)</b>     |                  |       |                                   |               |         |               |     |       |
| P1925-11                            | FB(20240327)     | Water | Total Alkanes                     | *             | 0.000   | 1.9           | 5   | ug/L  |
|                                     |                  |       | <b>Total Tics :</b>               |               |         | <b>0.00</b>   |     |       |
|                                     |                  |       | <b>Total Concentration:</b>       |               |         | <b>0.00</b>   |     |       |
| <b>Client ID : PMW-9S(20240327)</b> |                  |       |                                   |               |         |               |     |       |
| P1925-12                            | PMW-9S(20240327) | Water | 1,4-Naphthalenedione              | *             | 14.000  | J             |     |       |
| P1925-12                            | PMW-9S(20240327) | Water | 1-Naphthalenamine                 | *             | 120.000 | J             |     |       |
| P1925-12                            | PMW-9S(20240327) | Water | 2-Naphthalenamine                 | *             | 3.000   | J             |     |       |
| P1925-12                            | PMW-9S(20240327) | Water | Capro lactam                      | *             | 3.000   | J             |     |       |
| P1925-12                            | PMW-9S(20240327) | Water | Total Alkanes                     | *             | 0.000   | 1.9           | 5   | ug/L  |
|                                     |                  |       | <b>Total Tics :</b>               |               |         | <b>140.00</b> |     |       |
|                                     |                  |       | <b>Total Concentration:</b>       |               |         | <b>140.00</b> |     |       |
| <b>Client ID : PMW-1(20240327)</b>  |                  |       |                                   |               |         |               |     |       |
| P1925-13                            | PMW-1(20240327)  | Water | Capro lactam                      | *             | 16.000  | J             |     |       |
| P1925-13                            | PMW-1(20240327)  | Water | Propanoic acid, 2-methyl-3-[4-t-b | *             | 68.000  | J             |     |       |
| P1925-13                            | PMW-1(20240327)  | Water | unknown-01                        | *             | 2.200   | J             |     |       |
| P1925-13                            | PMW-1(20240327)  | Water | unknown-02                        | *             | 2.200   | J             |     |       |
| P1925-13                            | PMW-1(20240327)  | Water | Total Alkanes                     | *             | 0.000   | 1.9           | 5.1 | ug/L  |
|                                     |                  |       | <b>Total Tics :</b>               |               |         | <b>88.40</b>  |     |       |
|                                     |                  |       | <b>Total Concentration:</b>       |               |         | <b>88.40</b>  |     |       |
| <b>Client ID : PMW-8D(20240327)</b> |                  |       |                                   |               |         |               |     |       |
| P1925-14                            | PMW-8D(20240327) | Water | Total Alkanes                     | *             | 0.000   | 1.9           | 5   | ug/L  |
|                                     |                  |       | <b>Total Tics :</b>               |               |         | <b>0.00</b>   |     |       |
|                                     |                  |       | <b>Total Concentration:</b>       |               |         | <b>0.00</b>   |     |       |
| <b>Client ID : PMW-8S(20240328)</b> |                  |       |                                   |               |         |               |     |       |
| P1925-15                            | PMW-8S(20240328) | Water | 1-Naphthalenamine                 | *             | 10.000  | J             |     |       |
| P1925-15                            | PMW-8S(20240328) | Water | Benzene, 1,2-dichloro-            | *             | 3.600   | J             |     |       |

Hit Summary Sheet  
SW-846

SDG No.: BN040224

Client:

| Sample ID                    | Client ID        |       | Parameter                         | Concentration | C          | MDL    | RDL   | Units |
|------------------------------|------------------|-------|-----------------------------------|---------------|------------|--------|-------|-------|
| P1925-15                     | PMW-8S(20240328) | Water | Benzene, 1,3-dichloro-            | *             | 40.000     | J      |       |       |
| P1925-15                     | PMW-8S(20240328) | Water | Benzene, tert-butyl-              | *             | 2.400      | J      |       |       |
| P1925-15                     | PMW-8S(20240328) | Water | Capro lactam                      | *             | 7.400      | J      |       |       |
| P1925-15                     | PMW-8S(20240328) | Water | n-Hexadecanoic acid               | *             | 3.700      | J      |       |       |
| P1925-15                     | PMW-8S(20240328) | Water | Octadecanoic acid                 | *             | 3.000      | J      |       |       |
| P1925-15                     | PMW-8S(20240328) | Water | Total Alkanes                     | *             | 0.000      | 1.9    | 5.1   | ug/L  |
| Total Tics :                 |                  |       |                                   |               |            | 70.10  |       |       |
| Total Concentration:         |                  |       |                                   |               |            | 70.10  |       |       |
| Client ID : PMW-7S(20240328) |                  |       |                                   |               |            |        |       |       |
| P1925-16                     | PMW-7S(20240328) | Water | 2-Naphthalenamine                 | *             | 3.000      | J      |       |       |
| P1925-16                     | PMW-7S(20240328) | Water | Benzenamine, 3,3-sulfonylbis-     | *             | 23.000     | J      |       |       |
| P1925-16                     | PMW-7S(20240328) | Water | Benzene, tert-butyl-              | *             | 5.400      | J      |       |       |
| P1925-16                     | PMW-7S(20240328) | Water | Capro lactam                      | *             | 3.900      | J      |       |       |
| P1925-16                     | PMW-7S(20240328) | Water | sec-Butyl 2-(2-hydroxyethyl)piper | *             | 4.400      | J      |       |       |
| P1925-16                     | PMW-7S(20240328) | Water | Total Alkanes                     | *             | 0.000      | 1.9    | 5     | ug/L  |
| Total Tics :                 |                  |       |                                   |               |            | 39.70  |       |       |
| Total Concentration:         |                  |       |                                   |               |            | 39.70  |       |       |
| Client ID : MW-7D(20240328)  |                  |       |                                   |               |            |        |       |       |
| P1925-17                     | MW-7D(20240328)  | Water | 1-Naphthalenamine                 | *             | 3.400      | J      |       |       |
| P1925-17                     | MW-7D(20240328)  | Water | Benzene, 1,2-dichloro-            | *             | 40.000     | J      |       |       |
| P1925-17                     | MW-7D(20240328)  | Water | Benzene, 1,3-dichloro-            | *             | 2.900      | J      |       |       |
| P1925-17                     | MW-7D(20240328)  | Water | Capro lactam                      | *             | 3.800      | J      |       |       |
| P1925-17                     | MW-7D(20240328)  | Water | Ethanol, 2-(2-ethoxyethoxy)-      | *             | 2.800      | J      |       |       |
| P1925-17                     | MW-7D(20240328)  | Water | Total Alkanes                     | *             | 0.000      | 1.9    | 5     | ug/L  |
| Total Tics :                 |                  |       |                                   |               |            | 52.90  |       |       |
| Total Concentration:         |                  |       |                                   |               |            | 52.90  |       |       |
| Client ID : C0AM0            |                  |       |                                   |               |            |        |       |       |
| P1929-06                     | C0AM0            | Water | Total Alkanes                     | *             | 0.000      | 1.9    | 5     | ug/L  |
| Total Tics :                 |                  |       |                                   |               |            | 0.00   |       |       |
| Total Concentration:         |                  |       |                                   |               |            | 0.00   |       |       |
| Client ID : SP               |                  |       |                                   |               |            |        |       |       |
| SP                           | SP               | Water | Total Alkanes                     | *             | 0.000      | 1900   | 5000  | ug/L  |
| Total Tics :                 |                  |       |                                   |               |            | 0.00   |       |       |
| SP                           | SP               | Water | 1,1-Biphenyl                      |               | 79,000.000 | 1900   | 5000  | ug/L  |
| SP                           | SP               | Water | 1,2,3,4-Tetrachlorobenzene        |               | 86,000.000 | E 750  | 5000  | ug/L  |
| SP                           | SP               | Water | 1,2,4,5-Tetrachlorobenzene        |               | 84,000.000 | E 1800 | 5000  | ug/L  |
| SP                           | SP               | Water | 1,4-Dioxane                       |               | 29,000.000 | 310    | 2000  | ug/L  |
| SP                           | SP               | Water | 1-Methylnaphthalene               |               | 76,000.000 | 970    | 5000  | ug/L  |
| SP                           | SP               | Water | 2,2-oxybis(1-Chloropropane)       |               | 75,000.000 | 1400   | 10000 | ug/L  |

**Hit Summary Sheet  
SW-846**

**SDG No.:** BN040224

**Client:**

| Sample ID | Client ID |       | Parameter                  | Concentration | C | MDL  | RDL   | Units |
|-----------|-----------|-------|----------------------------|---------------|---|------|-------|-------|
| SP        | SP        | Water | 2,3,4,6-Tetrachlorophenol  | 92,000.000    | E | 1800 | 5000  | ug/L  |
| SP        | SP        | Water | 2,4,5-Trichlorophenol      | 93,000.000    | E | 1700 | 5000  | ug/L  |
| SP        | SP        | Water | 2,4,6-Trichlorophenol      | 96,000.000    | E | 1900 | 5000  | ug/L  |
| SP        | SP        | Water | 2,4-Dichlorophenol         | 88,000.000    | E | 1400 | 5000  | ug/L  |
| SP        | SP        | Water | 2,4-Dimethylphenol         | 86,000.000    | E | 720  | 5000  | ug/L  |
| SP        | SP        | Water | 2,4-Dinitrophenol          | 110,000.000   |   | 1900 | 10000 | ug/L  |
| SP        | SP        | Water | 2,4-Dinitrotoluene         | 92,000.000    | E | 970  | 5000  | ug/L  |
| SP        | SP        | Water | 2,6-Dinitrotoluene         | 93,000.000    | E | 1300 | 5000  | ug/L  |
| SP        | SP        | Water | 2-Chloronaphthalene        | 80,000.000    | E | 1800 | 5000  | ug/L  |
| SP        | SP        | Water | 2-Chlorophenol             | 89,000.000    | E | 1100 | 5000  | ug/L  |
| SP        | SP        | Water | 2-Methylnaphthalene        | 77,000.000    |   | 1500 | 5000  | ug/L  |
| SP        | SP        | Water | 2-Methylphenol             | 84,000.000    |   | 1500 | 10000 | ug/L  |
| SP        | SP        | Water | 2-Nitroaniline             | 95,000.000    | E | 1200 | 5000  | ug/L  |
| SP        | SP        | Water | 2-Nitrophenol              | 94,000.000    | E | 1400 | 5000  | ug/L  |
| SP        | SP        | Water | 3,3-Dichlorobenzidine      | 89,000.000    |   | 1400 | 10000 | ug/L  |
| SP        | SP        | Water | 3-Nitroaniline             | 95,000.000    |   | 860  | 10000 | ug/L  |
| SP        | SP        | Water | 4,6-Dinitro-2-methylphenol | 93,000.000    |   | 1700 | 10000 | ug/L  |
| SP        | SP        | Water | 4-Bromophenyl-phenylether  | 79,000.000    |   | 2700 | 5000  | ug/L  |
| SP        | SP        | Water | 4-Chloro-3-methylphenol    | 85,000.000    | E | 1400 | 5000  | ug/L  |
| SP        | SP        | Water | 4-Chloroaniline            | 67,000.000    |   | 1700 | 10000 | ug/L  |
| SP        | SP        | Water | 4-Chlorophenyl-phenylether | 70,000.000    |   | 1900 | 5000  | ug/L  |
| SP        | SP        | Water | 4-Methylphenol             | 83,000.000    |   | 1600 | 10000 | ug/L  |
| SP        | SP        | Water | 4-Nitroaniline             | 110,000.000   |   | 600  | 10000 | ug/L  |
| SP        | SP        | Water | 4-Nitrophenol              | 88,000.000    |   | 1500 | 10000 | ug/L  |
| SP        | SP        | Water | Acenaphthene               | 76,000.000    |   | 1900 | 5000  | ug/L  |
| SP        | SP        | Water | Acenaphthylene             | 79,000.000    |   | 1800 | 5000  | ug/L  |
| SP        | SP        | Water | Acetophenone               | 75,000.000    |   | 2100 | 10000 | ug/L  |
| SP        | SP        | Water | Anthracene                 | 75,000.000    |   | 1700 | 5000  | ug/L  |
| SP        | SP        | Water | Atrazine                   | 86,000.000    |   | 1200 | 10000 | ug/L  |
| SP        | SP        | Water | Benzaldehyde               | 120,000.000   |   | 1400 | 10000 | ug/L  |
| SP        | SP        | Water | Benzo(a)anthracene         | 80,000.000    |   | 1500 | 5000  | ug/L  |
| SP        | SP        | Water | Benzo(a)pyrene             | 75,000.000    |   | 2000 | 5000  | ug/L  |
| SP        | SP        | Water | Benzo(b)fluoranthene       | 84,000.000    | E | 1600 | 5000  | ug/L  |
| SP        | SP        | Water | Benzo(g,h,i)perylene       | 80,000.000    | E | 1900 | 5000  | ug/L  |
| SP        | SP        | Water | Benzo(k)fluoranthene       | 85,000.000    | E | 2200 | 5000  | ug/L  |
| SP        | SP        | Water | Bis(2-Chloroethoxy)methane | 78,000.000    |   | 1400 | 5000  | ug/L  |
| SP        | SP        | Water | Bis(2-Chloroethyl)ether    | 79,000.000    |   | 1500 | 10000 | ug/L  |
| SP        | SP        | Water | Bis(2-ethylhexyl)phthalate | 83,000.000    | E | 1500 | 5000  | ug/L  |
| SP        | SP        | Water | Butylbenzylphthalate       | 95,000.000    | E | 1500 | 5000  | ug/L  |
| SP        | SP        | Water | Caprolactam                | 87,000.000    |   | 1300 | 10000 | ug/L  |

## Hit Summary Sheet SW-846

SDG No.: BN040224

Client:

| Sample ID            | Client ID |       | Parameter                  | Concentration | C | MDL  | RDL   | Units |
|----------------------|-----------|-------|----------------------------|---------------|---|------|-------|-------|
| SP                   | SP        | Water | Carbazole                  | 82,000.000    |   | 2000 | 10000 | ug/L  |
| SP                   | SP        | Water | Chrysene                   | 79,000.000    |   | 1700 | 5000  | ug/L  |
| SP                   | SP        | Water | Di-n-butylphthalate        | 81,000.000    | E | 1700 | 5000  | ug/L  |
| SP                   | SP        | Water | Di-n-octyl phthalate       | 93,000.000    |   | 1300 | 10000 | ug/L  |
| SP                   | SP        | Water | Dibenzo(a,h)anthracene     | 84,000.000    | E | 2000 | 5000  | ug/L  |
| SP                   | SP        | Water | Dibenzofuran               | 77,000.000    |   | 1700 | 5000  | ug/L  |
| SP                   | SP        | Water | Diethylphthalate           | 78,000.000    |   | 1500 | 5000  | ug/L  |
| SP                   | SP        | Water | Dimethylphthalate          | 79,000.000    |   | 1600 | 5000  | ug/L  |
| SP                   | SP        | Water | Fluoranthene               | 81,000.000    | E | 1700 | 5000  | ug/L  |
| SP                   | SP        | Water | Fluorene                   | 71,000.000    |   | 2000 | 5000  | ug/L  |
| SP                   | SP        | Water | Hexachlorobenzene          | 78,000.000    |   | 1900 | 5000  | ug/L  |
| SP                   | SP        | Water | Hexachlorobutadiene        | 79,000.000    |   | 1100 | 5000  | ug/L  |
| SP                   | SP        | Water | Hexachlorocyclopentadiene  | 83,000.000    |   | 1400 | 10000 | ug/L  |
| SP                   | SP        | Water | Hexachloroethane           | 83,000.000    | E | 890  | 5000  | ug/L  |
| SP                   | SP        | Water | Indeno(1,2,3-cd)pyrene     | 85,000.000    | E | 1900 | 5000  | ug/L  |
| SP                   | SP        | Water | Isophorone                 | 81,000.000    | E | 1400 | 5000  | ug/L  |
| SP                   | SP        | Water | N-Nitroso-di-n-propylamine | 76,000.000    |   | 1400 | 5000  | ug/L  |
| SP                   | SP        | Water | N-Nitrosodiphenylamine     | 80,000.000    |   | 1700 | 5000  | ug/L  |
| SP                   | SP        | Water | Naphthalene                | 79,000.000    |   | 1500 | 5000  | ug/L  |
| SP                   | SP        | Water | Nitrobenzene               | 83,000.000    | E | 1300 | 5000  | ug/L  |
| SP                   | SP        | Water | Pentachlorobenzene         | 81,000.000    | E | 1300 | 5000  | ug/L  |
| SP                   | SP        | Water | Pentachlorophenol          | 91,000.000    |   | 1700 | 10000 | ug/L  |
| SP                   | SP        | Water | Phenanthrene               | 75,000.000    |   | 1800 | 5000  | ug/L  |
| SP                   | SP        | Water | Phenol                     | 86,000.000    |   | 1700 | 10000 | ug/L  |
| SP                   | SP        | Water | Pyrene                     | 80,000.000    |   | 1700 | 5000  | ug/L  |
| SP                   | SP        | Water | Pyridine                   | 82,000.000    |   | 850  | 10000 | ug/L  |
| Total Svoc :         |           |       |                            | 6,001,000.00  |   |      |       |       |
| Total Concentration: |           |       |                            | 6,001,000.00  |   |      |       |       |

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

Lab Code: CHEM Case No.: BN032824 SAS No.: BN032824 SDG No.: BN032824

Instrument ID: \_\_\_\_\_ Calibration Date(s): 3/28/2024 : \_\_\_\_\_

Calibration Time(s): 10:06 \_\_\_\_\_

| LAB FILE ID:               |        | RRFAL1 = BN030517.D |        | RRFAL2 = BN030518.D |        | RRFAL3 = BN030519.D |       |       |
|----------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
|                            |        | RRFAL4 = BN030520.D |        | RRFAL5 = BN030521.D |        | RRFAL6 = BN030522.D |       |       |
| COMPOUND                   | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4              | RRFAL5 | RRFAL6              | RRF   | % RSD |
| 1,4-Dioxane                | 0.466  | 0.458               | 0.472  | 0.449               | 0.439  |                     | 0.457 | 2.9   |
| Benzaldehyde               |        | 0.879               | 0.997  | 0.837               | 0.606  | 0.449               | 0.753 | 29.4  |
| Pyridine                   |        | 1.275               | 1.332  | 1.314               | 1.277  | 1.255               | 1.291 | 2.5   |
| Hexachloroethane           | 0.536  | 0.547               | 0.570  | 0.558               | 0.549  |                     | 0.552 | 2.3   |
| Nitrobenzene               | 0.313  | 0.329               | 0.354  | 0.357               | 0.341  |                     | 0.339 | 5.4   |
| Isophorone                 | 0.586  | 0.646               | 0.722  | 0.731               | 0.691  |                     | 0.675 | 8.9   |
| 2-Nitrophenol              | 0.115  | 0.131               | 0.158  | 0.171               | 0.171  |                     | 0.149 | 17.0  |
| 2,4-Dimethylphenol         | 0.307  | 0.325               | 0.346  | 0.348               | 0.332  |                     | 0.332 | 5.0   |
| Bis(2-Chloroethoxy)methane | 0.412  | 0.428               | 0.453  | 0.442               | 0.411  |                     | 0.429 | 4.3   |
| 2,4-Dichlorophenol         | 0.256  | 0.276               | 0.299  | 0.300               | 0.287  |                     | 0.284 | 6.5   |
| Naphthalene                | 1.028  | 1.037               | 1.072  | 1.038               | 0.953  |                     | 1.026 | 4.3   |
| 4-Chloroaniline            |        | 0.451               | 0.469  | 0.462               | 0.430  | 0.393               | 0.441 | 6.9   |
| Hexachlorobutadiene        | 0.178  | 0.179               | 0.183  | 0.180               | 0.172  |                     | 0.179 | 2.3   |
| Phenol                     |        | 1.614               | 1.751  | 1.726               | 1.695  | 1.642               | 1.685 | 3.4   |
| Caprolactam                |        | 0.090               | 0.107  | 0.112               | 0.111  | 0.110               | 0.106 | 8.7   |
| 4-Chloro-3-methylphenol    | 0.273  | 0.306               | 0.344  | 0.346               | 0.328  |                     | 0.319 | 9.6   |
| 1-Methylnaphthalene        | 0.710  | 0.744               | 0.771  | 0.747               | 0.664  |                     | 0.727 | 5.7   |
| 2-Methylnaphthalene        | 0.697  | 0.725               | 0.760  | 0.738               | 0.662  |                     | 0.716 | 5.3   |
| Hexachlorocyclopentadiene  |        | 0.273               | 0.295  | 0.302               | 0.304  | 0.292               | 0.293 | 4.1   |
| 2,4,6-Trichlorophenol      | 0.260  | 0.302               | 0.347  | 0.355               | 0.348  |                     | 0.323 | 12.6  |
| 2,4,5-Trichlorophenol      | 0.309  | 0.347               | 0.388  | 0.394               | 0.384  |                     | 0.364 | 9.9   |
| 1,1-Biphenyl               | 1.377  | 1.416               | 1.426  | 1.359               | 1.238  |                     | 1.363 | 5.5   |
| 2-Chloronaphthalene        | 1.060  | 1.109               | 1.120  | 1.085               | 0.992  |                     | 1.073 | 4.8   |
| 2-Nitroaniline             | 0.219  | 0.263               | 0.303  | 0.323               | 0.320  |                     | 0.286 | 15.4  |
| Bis(2-Chloroethyl)ether    |        | 1.386               | 1.461  | 1.421               | 1.339  | 1.265               | 1.374 | 5.5   |
| Dimethylphthalate          | 1.336  | 1.404               | 1.459  | 1.412               | 1.286  |                     | 1.379 | 5.0   |
| 2,6-Dinitrotoluene         | 0.190  | 0.233               | 0.273  | 0.294               | 0.289  |                     | 0.256 | 17.2  |
| Acenaphthylene             | 1.712  | 1.831               | 1.908  | 1.814               | 1.605  |                     | 1.774 | 6.6   |
| 3-Nitroaniline             |        | 0.253               | 0.302  | 0.294               | 0.268  | 0.239               | 0.271 | 9.8   |
| Acenaphthene               | 1.180  | 1.232               | 1.245  | 1.191               | 1.063  |                     | 1.182 | 6.1   |
| 2,4-Dinitrophenol          |        | 0.064               | 0.093  | 0.121               | 0.148  | 0.161               | 0.117 | 33.8  |
| 4-Nitrophenol              |        | 0.188               | 0.212  | 0.213               | 0.206  | 0.192               | 0.202 | 5.7   |
| Dibenzofuran               | 1.688  | 1.726               | 1.733  | 1.610               | 1.460  |                     | 1.643 | 6.9   |
| 2,4-Dinitrotoluene         | 0.284  | 0.347               | 0.408  | 0.425               | 0.403  |                     | 0.373 | 15.6  |
| Diethylphthalate           | 1.319  | 1.413               | 1.496  | 1.443               | 1.336  |                     | 1.401 | 5.3   |
| 2-Chlorophenol             | 1.200  | 1.273               | 1.389  | 1.371               | 1.350  |                     | 1.317 | 6.0   |

All other compounds must meet a minimum RRF of 0.010.

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

Lab Code: CHEM Case No.: BN032824 SAS No.: BN032824 SDG No.: BN032824

Instrument ID: \_\_\_\_\_ Calibration Date(s): 3/28/2024 : \_\_\_\_\_

Calibration Time(s): 10:06 : \_\_\_\_\_

| LAB FILE ID:                 |        | RRFAL1 = BN030517.D |        | RRFAL2 = BN030518.D |        | RRFAL3 = BN030519.D |       |       |
|------------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
|                              |        | RRFAL4 = BN030520.D |        | RRFAL5 = BN030521.D |        | RRFAL6 = BN030522.D |       |       |
| COMPOUND                     | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4              | RRFAL5 | RRFAL6              | RRF   | % RSD |
| Fluorene                     | 1.387  | 1.412               | 1.421  | 1.276               | 1.036  |                     | 1.306 | 12.4  |
| 4-Chlorophenyl-phenylether   | 0.681  | 0.692               | 0.694  | 0.622               | 0.515  |                     | 0.641 | 11.9  |
| 4-Nitroaniline               |        | 0.257               | 0.309  | 0.287               | 0.247  | 0.219               | 0.264 | 13.3  |
| 4,6-Dinitro-2-methylphenol   |        | 0.068               | 0.088  | 0.105               | 0.106  | 0.108               | 0.095 | 18.0  |
| N-Nitrosodiphenylamine       | 0.519  | 0.565               | 0.580  | 0.563               | 0.496  |                     | 0.545 | 6.5   |
| 1,2,4,5-Tetrachlorobenzene   | 0.514  | 0.520               | 0.537  | 0.520               | 0.489  |                     | 0.516 | 3.3   |
| 4-Bromophenyl-phenylether    | 0.179  | 0.190               | 0.196  | 0.200               | 0.184  |                     | 0.190 | 4.6   |
| Hexachlorobenzene            | 0.219  | 0.230               | 0.240  | 0.227               | 0.203  |                     | 0.224 | 6.1   |
| Atrazine                     |        | 0.180               | 0.199  | 0.204               | 0.187  | 0.174               | 0.189 | 6.6   |
| Pentachlorophenol            |        | 0.104               | 0.129  | 0.145               | 0.143  | 0.139               | 0.132 | 12.6  |
| 2-Methylphenol               |        | 1.203               | 1.339  | 1.349               | 1.327  | 1.275               | 1.299 | 4.7   |
| Phenanthrene                 | 1.042  | 1.091               | 1.079  | 1.030               | 0.897  |                     | 1.028 | 7.5   |
| Pentachlorobenzene           | 0.241  | 0.257               | 0.262  | 0.250               | 0.238  |                     | 0.250 | 4.1   |
| Anthracene                   | 1.031  | 1.101               | 1.105  | 1.068               | 0.889  |                     | 1.039 | 8.6   |
| 1,2,3,4-Tetrachlorobenzene   | 0.235  | 0.249               | 0.250  | 0.251               | 0.244  |                     | 0.246 | 2.8   |
| Carbazole                    |        | 0.982               | 1.004  | 0.962               | 0.837  | 0.770               | 0.911 | 11.2  |
| Di-n-butylphthalate          | 0.932  | 1.108               | 1.226  | 1.225               | 1.066  |                     | 1.111 | 11.1  |
| Fluoranthene                 | 1.229  | 1.284               | 1.352  | 1.315               | 1.212  |                     | 1.278 | 4.6   |
| Pyrene                       | 1.373  | 1.392               | 1.407  | 1.353               | 1.226  |                     | 1.350 | 5.4   |
| Butylbenzylphthalate         | 0.380  | 0.467               | 0.563  | 0.579               | 0.589  |                     | 0.516 | 17.4  |
| 3,3-Dichlorobenzidine        |        | 0.352               | 0.415  | 0.408               | 0.359  | 0.302               | 0.367 | 12.5  |
| 2,2-oxybis (1-Chloropropane) |        | 1.972               | 2.057  | 1.999               | 1.877  | 1.771               | 1.935 | 5.8   |
| Benzo (a) anthracene         | 1.305  | 1.335               | 1.403  | 1.362               | 1.268  |                     | 1.335 | 3.9   |
| Chrysene                     | 1.257  | 1.278               | 1.320  | 1.254               | 1.191  |                     | 1.260 | 3.7   |
| Bis (2-ethylhexyl) phthalate | 0.585  | 0.729               | 0.863  | 0.856               | 0.769  |                     | 0.760 | 14.9  |
| Di-n-octyl phthalate         |        | 1.024               | 1.302  | 1.375               | 1.281  | 1.350               | 1.267 | 11.1  |
| Benzo (b) fluoranthene       | 1.063  | 1.189               | 1.287  | 1.195               | 1.151  |                     | 1.177 | 6.9   |
| Benzo (k) fluoranthene       | 1.111  | 1.225               | 1.290  | 1.233               | 1.117  |                     | 1.195 | 6.6   |
| Benzo (a) pyrene             | 0.990  | 1.127               | 1.199  | 1.163               | 1.080  |                     | 1.112 | 7.3   |
| Indeno (1,2,3-cd) pyrene     | 0.968  | 1.129               | 1.297  | 1.296               | 1.320  |                     | 1.202 | 12.6  |
| Dibenzo (a,h) anthracene     | 0.842  | 0.964               | 1.084  | 1.089               | 1.080  |                     | 1.012 | 10.7  |
| Benzo (g,h,i) perylene       | 0.774  | 0.894               | 1.010  | 1.017               | 1.023  |                     | 0.944 | 11.5  |
| Acetophenone                 |        | 2.214               | 2.327  | 2.247               | 2.038  | 1.879               | 2.141 | 8.4   |
| 2,3,4,6-Tetrachlorophenol    | 0.249  | 0.283               | 0.318  | 0.339               | 0.323  |                     | 0.303 | 11.9  |
| 1,4-Dioxane-d8               | 0.444  | 0.425               | 0.446  | 0.409               | 0.410  |                     | 0.427 | 4.2   |
| Pyridine-d5                  |        | 1.258               | 1.282  | 1.303               | 1.284  | 1.268               | 1.279 | 1.3   |

All other compounds must meet a minimum RRF of 0.010.



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BN032824 SAS No.: BN032824 SDG No.: BN032824  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 3/28/2024 : \_\_\_\_\_  
Calibration Time(s): 10:06 : \_\_\_\_\_

|                             |        |                     |        |        |                     |        |                     |       |
|-----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:                |        | RRFAL1 = BN030517.D |        |        | RRFAL2 = BN030518.D |        | RRFAL3 = BN030519.D |       |
|                             |        | RRFAL4 = BN030520.D |        |        | RRFAL5 = BN030521.D |        | RRFAL6 = BN030522.D |       |
| COMPOUND                    | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4 | RRFAL5              | RRFAL6 | RRF                 | % RSD |
| Phenol-d5                   |        | 1.481               | 1.657  | 1.667  | 1.660               | 1.624  | 1.618               | 4.8   |
| Bis-(2-Chloroethyl)ether-d8 |        | 1.009               | 1.062  | 1.026  | 0.974               | 0.926  | 0.999               | 5.2   |
| 2-Chlorophenol-d4           | 1.052  | 1.174               | 1.295  | 1.315  | 1.301               |        | 1.227               | 9.2   |
| 4-Methylphenol-d8           |        | 1.236               | 1.403  | 1.405  | 1.389               | 1.347  | 1.356               | 5.2   |
| Nitrobenzene-d5             | 0.119  | 0.129               | 0.146  | 0.148  | 0.151               |        | 0.139               | 10.0  |
| 2-Nitrophenol-d4            | 0.086  | 0.105               | 0.132  | 0.151  | 0.160               |        | 0.127               | 24.4  |
| 2,4-Dichlorophenol-d3       | 0.237  | 0.265               | 0.295  | 0.300  | 0.293               |        | 0.278               | 9.7   |
| 4-Chloroaniline-d4          |        | 0.452               | 0.483  | 0.483  | 0.452               | 0.417  | 0.457               | 6.0   |
| 4-Methylphenol              |        | 1.369               | 1.515  | 1.504  | 1.455               | 1.427  | 1.454               | 4.1   |
| Dimethylphthalate-d6        | 1.272  | 1.365               | 1.408  | 1.360  | 1.271               |        | 1.335               | 4.6   |
| Acenaphthylene-d8           | 1.418  | 1.550               | 1.646  | 1.596  | 1.467               |        | 1.535               | 6.1   |
| 4-Nitrophenol-d4            |        | 0.219               | 0.264  | 0.277  | 0.265               | 0.252  | 0.255               | 8.7   |
| Fluorene-d10                | 1.171  | 1.209               | 1.236  | 1.182  | 1.045               |        | 1.169               | 6.3   |
| 4,6-Dinitro-2-methylphenol- |        | 0.059               | 0.078  | 0.095  | 0.104               | 0.105  | 0.088               | 22.0  |
| Anthracene-d10              | 0.828  | 0.893               | 0.909  | 0.896  | 0.783               |        | 0.862               | 6.2   |
| Pyrene-d10                  | 1.039  | 1.067               | 1.127  | 1.091  | 1.053               |        | 1.075               | 3.2   |
| Benzo(a)pyrene-d12          | 0.783  | 0.893               | 0.982  | 1.000  | 0.949               |        | 0.922               | 9.5   |
| N-Nitroso-di-n-propylamine  | 0.960  | 1.079               | 1.165  | 1.149  | 1.037               |        | 1.078               | 7.8   |

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.: BN040224 SAS No.: BN040224 SDG NO.: BN040224

EPA Sample No.: SSTD020212

Date Analyzed: Apr 1 2024 12:00AM

Lab File ID: BN030519.D

Time Analyzed: 10:53

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             | 235146              | 7.716 | 1.10926e+01         | 10.50  | 794254              | 14.36  |
| UPPER LIMIT             | 470292              | 8.216 | 2218520             | 11.004 | 1588508             | 14.857 |
| LOWER LIMIT             | 117573              | 7.216 | 554630              | 10.004 | 397127              | 13.857 |
| EPA SAMPLE NO.          |                     |       |                     |        |                     |        |
| 01 SBLK896              | 415996              | 7.70  | 1.82041e            | 10.48  | 1.18991e            | 14.34  |
| 02 PMW-9D (20240327)    | 241823              | 7.70  | 1.05608e            | 10.49  | 698210              | 14.34  |
| 03 PMW-9D (20240327)MS  | 238113              | 7.70  | 1.02266e            | 10.49  | 681579              | 14.34  |
| 04 PMW-9D (20240327)MSD | 214462              | 7.69  | 934076              | 10.49  | 613165              | 14.34  |
| 05 FB (20240327)        | 198884              | 7.69  | 884605              | 10.48  | 593246              | 14.34  |
| 06 PMW-9S (20240327)    | 216402              | 7.70  | 979881              | 10.48  | 637889              | 14.34  |
| 07 PMW-1 (20240327)     | 198603              | 7.70  | 874956              | 10.48  | 577769              | 14.34  |
| 08 SLCS896              | 194291              | 7.70  | 862022              | 10.48  | 562847              | 14.34  |
| 09 SBLK926              | 297660              | 7.70  | 1.31552e            | 10.48  | 862332              | 14.34  |
| 10 COAM0                | 202834              | 7.70  | 913756              | 10.48  | 588842              | 14.34  |
| 11 PMW-8D (20240327)    | 201442              | 7.70  | 879350              | 10.48  | 580109              | 14.34  |
| 12 PMW-8S (20240328)    | 172816              | 7.70  | 768993              | 10.48  | 501001              | 14.34  |
| 13 PMW-7S (20240328)    | 194897              | 7.70  | 874303              | 10.48  | 569502              | 14.34  |
| 14 MW-7D (20240328)     | 230669              | 7.70  | 1.03461e            | 10.48  | 683211              | 14.34  |
| 15 SLCS926              | 242221              | 7.69  | 1.0682e+            | 10.48  | 702571              | 14.34  |
| 16 SP                   | 238474              | 7.69  | 1.04629e            | 10.48  | 675856              | 14.34  |
|                         |                     |       |                     |        |                     |        |



8B

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BN040224 SAS No.: BN040224 SDG NO.: BN040224EPA Sample No.: SSTD020212 Date Analyzed: Apr 1 2024 12:00AMLab File ID: BN030519.D Time Analyzed: 21:37Instrument 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    | 235146              | 7.716 | 1.10926e+06         | 10.50  | 794254              | 14.36  |
| UPPER LIMIT    | 470292              | 8.216 | 2218520             | 11.004 | 1588508             | 14.857 |
| LOWER LIMIT    | 117573              | 7.216 | 554630              | 10.004 | 397127              | 13.857 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

\* Values outside of QC limits.



8B

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN040224 SAS No.: BN040224 SDG NO.: BN040224

EPA Sample No.: SSTD020332 Date Analyzed: Apr 1 2024 12:00AM

Lab File ID: BN030582.D Time Analyzed: 10:53

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             | 272709              | 7.699 | 1.20992e+01         | 10.48  | 785553              | 14.34 |
| UPPER LIMIT             | 545418              | 8.199 | 2419840             | 10.981 | 1571106             | 14.84 |
| LOWER LIMIT             | 136354.5            | 7.199 | 604960              | 9.981  | 392776.5            | 13.84 |
| EPA SAMPLE NO.          |                     |       |                     |        |                     |       |
| 01 SBLK896              | 415996              | 7.70  | 1.82041e            | 10.48  | 1.18991e            | 14.34 |
| 02 PMW-9D (20240327)    | 241823              | 7.70  | 1.05608e            | 10.49  | 698210              | 14.34 |
| 03 PMW-9D (20240327)MS  | 238113              | 7.70  | 1.02266e            | 10.49  | 681579              | 14.34 |
| 04 PMW-9D (20240327)MSD | 214462              | 7.69  | 934076              | 10.49  | 613165              | 14.34 |
| 05 FB (20240327)        | 198884              | 7.69  | 884605              | 10.48  | 593246              | 14.34 |
| 06 PMW-9S (20240327)    | 216402              | 7.70  | 979881              | 10.48  | 637889              | 14.34 |
| 07 PMW-1 (20240327)     | 198603              | 7.70  | 874956              | 10.48  | 577769              | 14.34 |
| 08 SLCS896              | 194291              | 7.70  | 862022              | 10.48  | 562847              | 14.34 |

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: CHEMTECHLab Code: CHEM Case No.: BN040224 SAS No.: BN040224 SDG NO.: BN040224EPA Sample No.: SSTD020333Date Analyzed: Apr 1 2024 12:00AMLab File ID: BN030591.DTime Analyzed: 17:00Instrument ID: BNA\_NGC 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          | 307707              | 7.699 | 1.36792e+01         | 10.48  | 878005              | 14.34 |
| UPPER LIMIT          | 615414              | 8.199 | 2735840             | 10.981 | 1756010             | 14.84 |
| LOWER LIMIT          | 153853.5            | 7.199 | 683960              | 9.981  | 439002.5            | 13.84 |
| EPA SAMPLE NO.       |                     |       |                     |        |                     |       |
| 01 SBLK926           | 297660              | 7.70  | 1.31552e            | 10.48  | 862332              | 14.34 |
| 02 C0AM0             | 202834              | 7.70  | 913756              | 10.48  | 588842              | 14.34 |
| 03 PMW-8D (20240327) | 201442              | 7.70  | 879350              | 10.48  | 580109              | 14.34 |
| 04 PMW-8S (20240328) | 172816              | 7.70  | 768993              | 10.48  | 501001              | 14.34 |
| 05 PMW-7S (20240328) | 194897              | 7.70  | 874303              | 10.48  | 569502              | 14.34 |
| 06 MW-7D (20240328)  | 230669              | 7.70  | 1.03461e            | 10.48  | 683211              | 14.34 |
| 07 SLCS926           | 242221              | 7.69  | 1.0682e+            | 10.48  | 702571              | 14.34 |
| 08 SP                | 238474              | 7.69  | 1.04629e            | 10.48  | 675856              | 14.34 |

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.: BN040224 SAS No.: BN040224 SDG NO.: BN040224

EPA Sample No.: SSTD020212 Date Analyzed: Apr 1 2024 12:00AM

Lab File ID: BN030519.D Time Analyzed: 10:53

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          | 1.69457e+04         | 17.104 | 1.5764e+04          | 21.345 | 1.62984e+04         | 24.304 |
|    | UPPER LIMIT          | 3389140             | 17.604 | 3152800             | 21.845 | 3259680             | 24.804 |
|    | LOWER LIMIT          | 847285              | 16.604 | 788200              | 20.845 | 814920              | 23.804 |
|    | EPA SAMPLE NO.       |                     |        |                     |        |                     |        |
| 01 | SBLK896              | 2.49712             | 17.09  | 2.45123e+           | 21.33  | 2.71507e+           | 24.27  |
| 02 | PMW-9D (20240327)    | 1.43608             | 17.09  | 1.37043e+           | 21.32  | 1.37572e+           | 24.26  |
| 03 | PMW-9D (20240327)MS  | 1.4073e             | 17.09  | 1.32532e+           | 21.33  | 1.37087e+           | 24.27  |
| 04 | PMW-9D (20240327)MSD | 1.29149             | 17.09  | 1.21596e+           | 21.33  | 1.23704e+           | 24.27  |
| 05 | FB (20240327)        | 1.26636             | 17.09  | 1.21896e+           | 21.32  | 1.28214e+           | 24.27  |
| 06 | PMW-9S (20240327)    | 1.36661             | 17.09  | 1.24478e+           | 21.32  | 1.28428e+           | 24.27  |
| 07 | PMW-1 (20240327)     | 1.21925             | 17.09  | 1.18841e+           | 21.32  | 1.22003e+           | 24.26  |
| 08 | SLCS896              | 1.17267             | 17.09  | 1.10442e+           | 21.33  | 1.17044e+           | 24.27  |
| 09 | SBLK926              | 1.84836             | 17.09  | 1.67698e+           | 21.32  | 1.56209e+           | 24.27  |
| 10 | C0AM0                | 1.26229             | 17.09  | 1.17164e+           | 21.32  | 1.212e+00           | 24.26  |
| 11 | PMW-8D (20240327)    | 1.22419             | 17.09  | 1.14991e+           | 21.32  | 1.22712e+           | 24.26  |
| 12 | PMW-8S (20240328)    | 1.05466             | 17.09  | 1.06043e+           | 21.32  | 1.12162e+           | 24.26  |
| 13 | PMW-7S (20240328)    | 1.1806e             | 17.09  | 1.13438e+           | 21.32  | 1.13699e+           | 24.26  |
| 14 | MW-7D (20240328)     | 1.43417             | 17.09  | 1.34301e+           | 21.32  | 1.33697e+           | 24.26  |
| 15 | SLCS926              | 1.45419             | 17.09  | 1.36429e+           | 21.32  | 1.43416e+           | 24.27  |
| 16 | SP                   | 1.40841             | 17.09  | 1.2216e+0           | 21.33  | 1.31213e+           | 24.27  |

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN040224 SAS No.: BN040224 SDG NO.: BN040224

EPA Sample No.: SSTD020212 Date Analyzed: Apr 1 2024 12:00AM

Lab File ID: BN030519.D Time Analyzed: 21:37

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    | 1.69457e+04         | 17.104 | 1.5764e+04          | 21.345 | 1.62984e+04         | 24.304 |
| UPPER LIMIT    | 3389140             | 17.604 | 3152800             | 21.845 | 3259680             | 24.804 |
| LOWER LIMIT    | 847285              | 16.604 | 788200              | 20.845 | 814920              | 23.804 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

\* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN040224 SAS No.: BN040224 SDG NO.: BN040224

EPA Sample No.: SSTD020332 Date Analyzed: Apr 1 2024 12:00AM

Lab File ID: BN030582.D Time Analyzed: 10:53

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             | 1.63558e+01         | 17.087 | 1.56127e+01         | 21.328 | 1.73221e+01         | 24.269 |
| UPPER LIMIT             | 3271160             | 17.587 | 3122540             | 21.828 | 3464420             | 24.769 |
| LOWER LIMIT             | 817790              | 16.587 | 780635              | 20.828 | 866105              | 23.769 |
| EPA SAMPLE NO.          |                     |        |                     |        |                     |        |
| 01 SBLK896              | 2.49712             | 17.09  | 2.45123e+01         | 21.33  | 2.71507e+01         | 24.27  |
| 02 PMW-9D (20240327)    | 1.43608             | 17.09  | 1.37043e+01         | 21.32  | 1.37572e+01         | 24.26  |
| 03 PMW-9D (20240327)MS  | 1.4073e+01          | 17.09  | 1.32532e+01         | 21.33  | 1.37087e+01         | 24.27  |
| 04 PMW-9D (20240327)MSD | 1.29149             | 17.09  | 1.21596e+01         | 21.33  | 1.23704e+01         | 24.27  |
| 05 FB (20240327)        | 1.26636             | 17.09  | 1.21896e+01         | 21.32  | 1.28214e+01         | 24.27  |
| 06 PMW-9S (20240327)    | 1.36661             | 17.09  | 1.24478e+01         | 21.32  | 1.28428e+01         | 24.27  |
| 07 PMW-1 (20240327)     | 1.21925             | 17.09  | 1.18841e+01         | 21.32  | 1.22003e+01         | 24.26  |
| 08 SLCS896              | 1.17267             | 17.09  | 1.10442e+01         | 21.33  | 1.17044e+01         | 24.27  |

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.: BN040224 SAS No.: BN040224 SDG NO.: BN040224

EPA Sample No.: SSTD020333 Date Analyzed: Apr 1 2024 12:00AM

Lab File ID: BN030591.D Time Analyzed: 17:00

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          | 1.82792e+01         | 17.086 | 1.67856e+           | 21.327 | 1.62168e+01         | 24.268 |
| UPPER LIMIT          | 3655840             | 17.586 | 3357120             | 21.827 | 3243360             | 24.768 |
| LOWER LIMIT          | 913960              | 16.586 | 839280              | 20.827 | 810840              | 23.768 |
| EPA SAMPLE NO.       |                     |        |                     |        |                     |        |
| 01 SBLK926           | 1.84836             | 17.09  | 1.67698e+           | 21.32  | 1.56209e+           | 24.27  |
| 02 C0AM0             | 1.26229             | 17.09  | 1.17164e+           | 21.32  | 1.212e+00           | 24.26  |
| 03 PMW-8D (20240327) | 1.22419             | 17.09  | 1.14991e+           | 21.32  | 1.22712e+           | 24.26  |
| 04 PMW-8S (20240328) | 1.05466             | 17.09  | 1.06043e+           | 21.32  | 1.12162e+           | 24.26  |
| 05 PMW-7S (20240328) | 1.1806e             | 17.09  | 1.13438e+           | 21.32  | 1.13699e+           | 24.26  |
| 06 MW-7D (20240328)  | 1.43417             | 17.09  | 1.34301e+           | 21.32  | 1.33697e+           | 24.26  |
| 07 SLCS926           | 1.45419             | 17.09  | 1.36429e+           | 21.32  | 1.43416e+           | 24.27  |
| 08 SP                | 1.40841             | 17.09  | 1.2216e+0           | 21.33  | 1.31213e+           | 24.27  |

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

\* Values outside of QC limits.

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

SW-846

SDG No.: **BN040224**

Client:

Analytical Method: **SFAM\_SVOC**

DataFile:

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                             |       |        |      |     |     |      | Qual | Low    | High |     |
| PB159896BS    | 1,4-Dioxane                 | 16    | 15     | ug/L | 94  |     |      |      | 0      | 0    |     |
|               | Benzaldehyde                | 40    | 40     | ug/L | 100 |     |      |      | 0      | 0    |     |
|               | Pyridine                    | 40    | 40     | ug/L | 100 |     |      |      | 0      | 0    |     |
|               | Phenol                      | 40    | 41     | ug/L | 103 |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethyl)ether     | 40    | 40     | ug/L | 100 |     |      |      | 0      | 0    |     |
|               | 2-Chlorophenol              | 40    | 42     | ug/L | 105 |     |      |      | 0      | 0    |     |
|               | 2-Methylphenol              | 40    | 40     | ug/L | 100 |     |      |      | 0      | 0    |     |
|               | 2,2-oxybis(1-Chloropropane) | 40    | 38     | ug/L | 95  |     |      |      | 0      | 0    |     |
|               | Acetophenone                | 40    | 39     | ug/L | 98  |     |      |      | 0      | 0    |     |
|               | 4-Methylphenol              | 40    | 39     | ug/L | 98  |     |      |      | 0      | 0    |     |
|               | N-Nitroso-di-n-propylamine  | 40    | 39     | ug/L | 98  |     |      |      | 0      | 0    |     |
|               | Hexachloroethane            | 40    | 40     | ug/L | 100 |     |      |      | 0      | 0    |     |
|               | Nitrobenzene                | 40    | 42     | ug/L | 105 |     |      |      | 0      | 0    |     |
|               | Isophorone                  | 40    | 41     | ug/L | 103 |     |      |      | 0      | 0    |     |
|               | 2-Nitrophenol               | 40    | 46     | ug/L | 115 |     |      |      | 0      | 0    |     |
|               | 2,4-Dimethylphenol          | 40    | 40     | ug/L | 100 |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethoxy)methane  | 40    | 39     | ug/L | 98  |     |      |      | 0      | 0    |     |
|               | 2,4-Dichlorophenol          | 40    | 42     | ug/L | 105 |     |      |      | 0      | 0    |     |
|               | Naphthalene                 | 40    | 40     | ug/L | 100 |     |      |      | 0      | 0    |     |
|               | 4-Chloroaniline             | 40    | 36     | ug/L | 90  |     |      |      | 0      | 0    |     |
|               | Hexachlorobutadiene         | 40    | 41     | ug/L | 103 |     |      |      | 0      | 0    |     |
|               | Caprolactam                 | 40    | 41     | ug/L | 103 |     |      |      | 0      | 0    |     |
|               | 4-Chloro-3-methylphenol     | 40    | 41     | ug/L | 103 |     |      |      | 0      | 0    |     |
|               | 1-Methylnaphthalene         | 40    | 39     | ug/L | 98  |     |      |      | 0      | 0    |     |
|               | 2-Methylnaphthalene         | 40    | 40     | ug/L | 100 |     |      |      | 0      | 0    |     |
|               | Hexachlorocyclopentadiene   | 40    | 40     | ug/L | 100 |     |      |      | 0      | 0    |     |
|               | 2,4,6-Trichlorophenol       | 40    | 46     | ug/L | 115 |     |      |      | 0      | 0    |     |
|               | 2,4,5-Trichlorophenol       | 40    | 43     | ug/L | 108 |     |      |      | 0      | 0    |     |
|               | 1,1'-Biphenyl               | 40    | 41     | ug/L | 103 |     |      |      | 0      | 0    |     |
|               | 2-Chloronaphthalene         | 40    | 42     | ug/L | 105 |     |      |      | 0      | 0    |     |
|               | 2-Nitroaniline              | 40    | 45     | ug/L | 113 |     |      |      | 0      | 0    |     |
|               | Dimethylphthalate           | 40    | 41     | ug/L | 103 |     |      |      | 0      | 0    |     |
|               | 2,6-Dinitrotoluene          | 40    | 46     | ug/L | 115 |     |      |      | 0      | 0    |     |
|               | Acenaphthylene              | 40    | 42     | ug/L | 105 |     |      |      | 0      | 0    |     |
|               | 3-Nitroaniline              | 40    | 45     | ug/L | 113 |     |      |      | 0      | 0    |     |
|               | Acenaphthene                | 40    | 41     | ug/L | 103 |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrophenol           | 40    | 43     | ug/L | 108 |     |      |      | 0      | 0    |     |
|               | 4-Nitrophenol               | 40    | 43     | ug/L | 108 |     |      |      | 0      | 0    |     |
|               | Dibenzofuran                | 40    | 41     | ug/L | 103 |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrotoluene          | 40    | 46     | ug/L | 115 |     |      |      | 0      | 0    |     |
|               | Diethylphthalate            | 40    | 41     | ug/L | 103 |     |      |      | 0      | 0    |     |
|               | Fluorene                    | 40    | 40     | ug/L | 100 |     |      |      | 0      | 0    |     |
|               | 4-Chlorophenyl-phenylether  | 40    | 40     | ug/L | 100 |     |      |      | 0      | 0    |     |
|               | 4-Nitroaniline              | 40    | 53     | ug/L | 133 |     |      |      | 0      | 0    |     |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

SW-846

SDG No.: **BN040224**

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

Analytical Method: **SFAM\_SVOC**

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |      |     |     |      | Qual | Low    | High |     |
| PB159896BS    | 4,6-Dinitro-2-methylphenol | 40    | 45     | ug/L | 113 |     |      |      | 0      | 0    |     |
|               | N-Nitrosodiphenylamine     | 40    | 42     | ug/L | 105 |     |      |      | 0      | 0    |     |
|               | 1,2,4,5-Tetrachlorobenzene | 40    | 42     | ug/L | 105 |     |      |      | 0      | 0    |     |
|               | 4-Bromophenyl-phenylether  | 40    | 42     | ug/L | 105 |     |      |      | 0      | 0    |     |
|               | Hexachlorobenzene          | 40    | 42     | ug/L | 105 |     |      |      | 0      | 0    |     |
|               | Atrazine                   | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | Pentachlorophenol          | 40    | 46     | ug/L | 115 |     |      |      | 0      | 0    |     |
|               | Phenanthrene               | 40    | 42     | ug/L | 105 |     |      |      | 0      | 0    |     |
|               | Pentachlorobenzene         | 40    | 39     | ug/L | 98  |     |      |      | 0      | 0    |     |
|               | Anthracene                 | 40    | 42     | ug/L | 105 |     |      |      | 0      | 0    |     |
|               | 1,2,3,4-Tetrachlorobenzene | 40    | 43     | ug/L | 108 |     |      |      | 0      | 0    |     |
|               | Carbazole                  | 40    | 45     | ug/L | 113 |     |      |      | 0      | 0    |     |
|               | Di-n-butylphthalate        | 40    | 44     | ug/L | 110 |     |      |      | 0      | 0    |     |
|               | Fluoranthene               | 40    | 42     | ug/L | 105 |     |      |      | 0      | 0    |     |
|               | Pyrene                     | 40    | 42     | ug/L | 105 |     |      |      | 0      | 0    |     |
|               | Butylbenzylphthalate       | 40    | 47     | ug/L | 117 |     |      |      | 0      | 0    |     |
|               | 3,3'-Dichlorobenzidine     | 40    | 53     | ug/L | 133 |     |      |      | 0      | 0    |     |
|               | Benzo(a)anthracene         | 40    | 42     | ug/L | 105 |     |      |      | 0      | 0    |     |
|               | Chrysene                   | 40    | 42     | ug/L | 105 |     |      |      | 0      | 0    |     |
|               | Bis(2-ethylhexyl)phthalate | 40    | 46     | ug/L | 115 |     |      |      | 0      | 0    |     |
|               | Di-n-octylphthalate        | 40    | 47     | ug/L | 117 |     |      |      | 0      | 0    |     |
|               | Benzo(b)fluoranthene       | 40    | 44     | ug/L | 110 |     |      |      | 0      | 0    |     |
|               | Benzo(k)fluoranthene       | 40    | 44     | ug/L | 110 |     |      |      | 0      | 0    |     |
|               | Benzo(a)pyrene             | 40    | 44     | ug/L | 110 |     |      |      | 0      | 0    |     |
|               | Indeno(1,2,3-cd)pyrene     | 40    | 42     | ug/L | 105 |     |      |      | 0      | 0    |     |
|               | Dibenzo(a,h)anthracene     | 40    | 43     | ug/L | 108 |     |      |      | 0      | 0    |     |
|               | Benzo(g,h,i)perylene       | 40    | 41     | ug/L | 103 |     |      |      | 0      | 0    |     |
|               | 2,3,4,6-Tetrachlorophenol  | 40    | 44     | ug/L | 110 |     |      |      | 0      | 0    |     |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

SW-846

SDG No.: **BN040224**

Client:

Analytical Method: **SFAM\_SVOC**

DataFile:

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                             |       |        |      |     |     |      | Qual | Low    | High |     |
| PB159926BS    | 1,4-Dioxane                 | 16    | 12     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | Benzaldehyde                | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Pyridine                    | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Phenol                      | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethyl)ether     | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | 2-Chlorophenol              | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | 2-Methylphenol              | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | 2,2-oxybis(1-Chloropropane) | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Acetophenone                | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | 4-Methylphenol              | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | N-Nitroso-di-n-propylamine  | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Hexachloroethane            | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Nitrobenzene                | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Isophorone                  | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | 2-Nitrophenol               | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | 2,4-Dimethylphenol          | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethoxy)methane  | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | 2,4-Dichlorophenol          | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Naphthalene                 | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 4-Chloroaniline             | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Hexachlorobutadiene         | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Caprolactam                 | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | 4-Chloro-3-methylphenol     | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 1-Methylnaphthalene         | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | 2-Methylnaphthalene         | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | Hexachlorocyclopentadiene   | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | 2,4,6-Trichlorophenol       | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | 2,4,5-Trichlorophenol       | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | 1,1'-Biphenyl               | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 2-Chloronaphthalene         | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 2-Nitroaniline              | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | Dimethylphthalate           | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 2,6-Dinitrotoluene          | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | Acenaphthylene              | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | 3-Nitroaniline              | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | Acenaphthene                | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrophenol           | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 4-Nitrophenol               | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Dibenzofuran                | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrotoluene          | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | Diethylphthalate            | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Fluorene                    | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 4-Chlorophenyl-phenylether  | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | 4-Nitroaniline              | 40    | 38     | ug/L | 95  |     |      |      | 0      | 0    |     |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

SW-846

SDG No.: **BN040224**

Client:

Analytical Method: **SFAM\_SVOC**

DataFile:

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |      |     |     |      | Qual | Low    | High |     |
| PB159926BS    | 4,6-Dinitro-2-methylphenol | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | N-Nitrosodiphenylamine     | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | 1,2,4,5-Tetrachlorobenzene | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 4-Bromophenyl-phenylether  | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Hexachlorobenzene          | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Atrazine                   | 40    | 21     | ug/L | 52  |     |      |      | 0      | 0    |     |
|               | Pentachlorophenol          | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Phenanthrene               | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Pentachlorobenzene         | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Anthracene                 | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | 1,2,3,4-Tetrachlorobenzene | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Carbazole                  | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | Di-n-butylphthalate        | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | Fluoranthene               | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Pyrene                     | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Butylbenzylphthalate       | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | 3,3'-Dichlorobenzidine     | 40    | 36     | ug/L | 90  |     |      |      | 0      | 0    |     |
|               | Benzo(a)anthracene         | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Chrysene                   | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Bis(2-ethylhexyl)phthalate | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | Di-n-octylphthalate        | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | Benzo(b)fluoranthene       | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | Benzo(k)fluoranthene       | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Benzo(a)pyrene             | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Indeno(1,2,3-cd)pyrene     | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | Dibenzo(a,h)anthracene     | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Benzo(g,h,i)perylene       | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | 2,3,4,6-Tetrachlorophenol  | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN040224

SAS No.: BN040224 SDG NO.: BN040224

Lab File ID: BN030599.D

Lab Sample ID: SP

Instrument ID: BNA\_N

Date Extracted: \_\_\_\_\_

Matrix: (soil/water) Water

Date Analyzed: 04/01/2024

Level: (low/med) LOW

Time Analyzed: 21:37

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 |
|-------------------|------------------|----------------|------------------|
| SP                | SP               | BN030599.D     | 04/01/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK896

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN040224

SAS No.: BN040224 SDG NO.: BN040224

Lab File ID: BN030583.D

Lab Sample ID: PB159896BL

Instrument ID: BNA\_N

Date Extracted: 03/30/2024

Matrix: (soil/water) Water

Date Analyzed: 04/01/2024

Level: (low/med) LOW

Time Analyzed: 10:53

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 |
|-----------------------|------------------|----------------|------------------|
| PMW-9D (20240327)     | P1925-08         | BN030584.D     | 04/01/2024       |
| PMW-9D (20240327) MS  | P1925-09MS       | BN030585.D     | 04/01/2024       |
| PMW-9D (20240327) MSD | P1925-10MSD      | BN030586.D     | 04/01/2024       |
| FB (20240327)         | P1925-11         | BN030587.D     | 04/01/2024       |
| PMW-9S (20240327)     | P1925-12         | BN030588.D     | 04/01/2024       |
| PMW-1 (20240327)      | P1925-13         | BN030589.D     | 04/01/2024       |
| PB159896BS            | PB159896BS       | BN030590.D     | 04/01/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK926

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN040224

SAS No.: BN040224 SDG NO.: BN040224

Lab File ID: BN030592.D

Lab Sample ID: PB159926BL

Instrument ID: BNA\_N

Date Extracted: 04/01/2024

Matrix: (soil/water) Water

Date Analyzed: 04/01/2024

Level: (low/med) LOW

Time Analyzed: 17:00

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 |
|-------------------|------------------|----------------|------------------|
| C0AM0             | P1929-06         | BN030593.D     | 04/01/2024       |
| PMW-8D (20240327) | P1925-14         | BN030594.D     | 04/01/2024       |
| PMW-8S (20240328) | P1925-15         | BN030595.D     | 04/01/2024       |
| PMW-7S (20240328) | P1925-16         | BN030596.D     | 04/01/2024       |
| MW-7D (20240328)  | P1925-17         | BN030597.D     | 04/01/2024       |
| PB159926BS        | PB159926BS       | BN030598.D     | 04/01/2024       |

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

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BN040224

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

**Analytical Method:** SFAM\_SVOC

| Parameter                   | Spike             | Sample Result            | Result                    | Units | Rec | Rec Qual | RPD              | RPD Qual          | Low | Limits High | RPD |
|-----------------------------|-------------------|--------------------------|---------------------------|-------|-----|----------|------------------|-------------------|-----|-------------|-----|
| <b>Lab Sample ID:</b>       | <b>P1925-09MS</b> | <b>Client Sample ID:</b> | <b>PMW-9D(20240327)MS</b> |       |     |          | <b>DataFile:</b> | <b>BN030585.D</b> |     |             |     |
| 1,4-Dioxane                 | 16                |                          | 10                        | ug/L  | 63  |          |                  |                   | 15  | 120         |     |
| Benzaldehyde                | 40                |                          | 48                        | ug/L  | 120 |          |                  |                   | 0   | 0           |     |
| Pyridine                    | 40                |                          | 17                        | ug/L  | 43  |          |                  |                   | 0   | 0           |     |
| Phenol                      | 40                |                          | 11                        | ug/L  | 28  |          |                  |                   | 12  | 110         |     |
| Bis(2-chloroethyl)ether     | 40                |                          | 41                        | ug/L  | 103 |          |                  |                   | 0   | 0           |     |
| 2-Chlorophenol              | 40                |                          | 35                        | ug/L  | 88  |          |                  |                   | 27  | 123         |     |
| 2-Methylphenol              | 40                |                          | 27                        | ug/L  | 68  |          |                  |                   | 0   | 0           |     |
| 2,2-oxybis(1-Chloropropane) | 40                |                          | 40                        | ug/L  | 100 |          |                  |                   | 0   | 0           |     |
| Acetophenone                | 40                |                          | 41                        | ug/L  | 103 |          |                  |                   | 0   | 0           |     |
| 4-Methylphenol              | 40                |                          | 23                        | ug/L  | 58  |          |                  |                   | 0   | 0           |     |
| N-Nitroso-di-n-propylamine  | 40                |                          | 40                        | ug/L  | 100 |          |                  |                   | 41  | 116         |     |
| Hexachloroethane            | 40                |                          | 39                        | ug/L  | 98  |          |                  |                   | 0   | 0           |     |
| Nitrobenzene                | 40                |                          | 45                        | ug/L  | 113 |          |                  |                   | 0   | 0           |     |
| Isophorone                  | 40                |                          | 45                        | ug/L  | 113 |          |                  |                   | 0   | 0           |     |
| 2-Nitrophenol               | 40                |                          | 48                        | ug/L  | 120 |          |                  |                   | 0   | 0           |     |
| 2,4-Dimethylphenol          | 40                |                          | 36                        | ug/L  | 90  |          |                  |                   | 0   | 0           |     |
| Bis(2-chloroethoxy)methane  | 40                |                          | 43                        | ug/L  | 108 |          |                  |                   | 0   | 0           |     |
| 2,4-Dichlorophenol          | 40                |                          | 46                        | ug/L  | 115 |          |                  |                   | 0   | 0           |     |
| Naphthalene                 | 40                |                          | 43                        | ug/L  | 108 |          |                  |                   | 0   | 0           |     |
| 4-Chloroaniline             | 40                |                          | 35                        | ug/L  | 88  |          |                  |                   | 0   | 0           |     |
| Hexachlorobutadiene         | 40                |                          | 43                        | ug/L  | 108 |          |                  |                   | 0   | 0           |     |
| Caprolactam                 | 40                |                          | 17                        | ug/L  | 43  |          |                  |                   | 0   | 0           |     |
| 4-Chloro-3-methylphenol     | 40                |                          | 38                        | ug/L  | 95  |          |                  |                   | 23  | 97          |     |
| 1-Methylnaphthalene         | 40                |                          | 42                        | ug/L  | 105 |          |                  |                   | 0   | 0           |     |
| 2-Methylnaphthalene         | 40                |                          | 43                        | ug/L  | 108 |          |                  |                   | 0   | 0           |     |
| Hexachlorocyclopentadiene   | 40                |                          | 39                        | ug/L  | 98  |          |                  |                   | 0   | 0           |     |
| 2,4,6-Trichlorophenol       | 40                |                          | 49                        | ug/L  | 123 |          |                  |                   | 0   | 0           |     |
| 2,4,5-Trichlorophenol       | 40                |                          | 55                        | ug/L  | 138 |          |                  |                   | 0   | 0           |     |
| 1,1'-Biphenyl               | 40                |                          | 44                        | ug/L  | 110 |          |                  |                   | 0   | 0           |     |
| 2-Chloronaphthalene         | 40                |                          | 45                        | ug/L  | 113 |          |                  |                   | 0   | 0           |     |
| 2-Nitroaniline              | 40                |                          | 50                        | ug/L  | 125 |          |                  |                   | 0   | 0           |     |
| Dimethylphthalate           | 40                |                          | 45                        | ug/L  | 113 |          |                  |                   | 0   | 0           |     |
| 2,6-Dinitrotoluene          | 40                |                          | 50                        | ug/L  | 125 |          |                  |                   | 0   | 0           |     |
| Acenaphthylene              | 40                |                          | 45                        | ug/L  | 113 |          |                  |                   | 0   | 0           |     |
| 3-Nitroaniline              | 40                |                          | 47                        | ug/L  | 117 |          |                  |                   | 0   | 0           |     |
| Acenaphthene                | 40                |                          | 44                        | ug/L  | 110 |          |                  |                   | 46  | 118         |     |
| 2,4-Dinitrophenol           | 40                |                          | 49                        | ug/L  | 123 |          |                  |                   | 0   | 0           |     |
| 4-Nitrophenol               | 40                |                          | 13                        | ug/L  | 33  |          |                  |                   | 10  | 80          |     |
| Dibenzofuran                | 40                |                          | 45                        | ug/L  | 113 |          |                  |                   | 0   | 0           |     |
| 2,4-Dinitrotoluene          | 40                |                          | 50                        | ug/L  | 125 | *        |                  |                   | 24  | 96          |     |
| Diethylphthalate            | 40                |                          | 46                        | ug/L  | 115 |          |                  |                   | 0   | 0           |     |
| Fluorene                    | 40                |                          | 44                        | ug/L  | 110 |          |                  |                   | 0   | 0           |     |
| 4-Chlorophenyl-phenylether  | 40                |                          | 43                        | ug/L  | 108 |          |                  |                   | 0   | 0           |     |
| 4-Nitroaniline              | 40                |                          | 57                        | ug/L  | 143 |          |                  |                   | 0   | 0           |     |
| 4,6-Dinitro-2-methylphenol  | 40                |                          | 50                        | ug/L  | 125 |          |                  |                   | 0   | 0           |     |
| N-Nitrosodiphenylamine      | 40                |                          | 46                        | ug/L  | 115 |          |                  |                   | 0   | 0           |     |

## Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN040224

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

Analytical Method: SFAM\_SVOC

| Parameter                  | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|----------------------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| 1,2,4,5-Tetrachlorobenzene | 40    |                  | 48     | ug/L  | 120 |             |     |             | 0   | 0              |     |
| 4-Bromophenyl-phenylether  | 40    |                  | 47     | ug/L  | 117 |             |     |             | 0   | 0              |     |
| Hexachlorobenzene          | 40    |                  | 46     | ug/L  | 115 |             |     |             | 0   | 0              |     |
| Atrazine                   | 40    |                  | 45     | ug/L  | 113 |             |     |             | 0   | 0              |     |
| Pentachlorophenol          | 40    |                  | 48     | ug/L  | 120 | *           |     |             | 9   | 103            |     |
| Phenanthrene               | 40    |                  | 46     | ug/L  | 115 |             |     |             | 0   | 0              |     |
| Pentachlorobenzene         | 40    |                  | 46     | ug/L  | 115 |             |     |             | 0   | 0              |     |
| Anthracene                 | 40    |                  | 46     | ug/L  | 115 |             |     |             | 0   | 0              |     |
| 1,2,3,4-Tetrachlorobenzene | 40    |                  | 54     | ug/L  | 135 |             |     |             | 0   | 0              |     |
| Carbazole                  | 40    |                  | 49     | ug/L  | 123 |             |     |             | 0   | 0              |     |
| Di-n-butylphthalate        | 40    |                  | 50     | ug/L  | 125 |             |     |             | 0   | 0              |     |
| Fluoranthene               | 40    |                  | 46     | ug/L  | 115 |             |     |             | 0   | 0              |     |
| Pyrene                     | 40    |                  | 46     | ug/L  | 115 |             |     |             | 26  | 127            |     |
| Butylbenzylphthalate       | 40    |                  | 54     | ug/L  | 135 |             |     |             | 0   | 0              |     |
| 3,3'-Dichlorobenzidine     | 40    |                  | 42     | ug/L  | 105 |             |     |             | 0   | 0              |     |
| Benzo(a)anthracene         | 40    |                  | 46     | ug/L  | 115 |             |     |             | 0   | 0              |     |
| Chrysene                   | 40    |                  | 46     | ug/L  | 115 |             |     |             | 0   | 0              |     |
| Bis(2-ethylhexyl)phthalate | 40    |                  | 51     | ug/L  | 128 |             |     |             | 0   | 0              |     |
| Di-n-octylphthalate        | 40    |                  | 54     | ug/L  | 135 |             |     |             | 0   | 0              |     |
| Benzo(b)fluoranthene       | 40    |                  | 50     | ug/L  | 125 |             |     |             | 0   | 0              |     |
| Benzo(k)fluoranthene       | 40    |                  | 49     | ug/L  | 123 |             |     |             | 0   | 0              |     |
| Benzo(a)pyrene             | 40    |                  | 49     | ug/L  | 123 |             |     |             | 0   | 0              |     |
| Indeno(1,2,3-cd)pyrene     | 40    |                  | 47     | ug/L  | 117 |             |     |             | 0   | 0              |     |
| Dibenzo(a,h)anthracene     | 40    |                  | 47     | ug/L  | 117 |             |     |             | 0   | 0              |     |
| Benzo(g,h,i)perylene       | 40    |                  | 46     | ug/L  | 115 |             |     |             | 0   | 0              |     |
| 2,3,4,6-Tetrachlorophenol  | 40    |                  | 49     | ug/L  | 123 |             |     |             | 0   | 0              |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BN040224

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

**Analytical Method:** SFAM\_SVOC

| Parameter                   | Spike              | Sample Result            | Result                     | Units | Rec | Rec Qual | RPD              | RPD Qual          | Low | Limits High | RPD |
|-----------------------------|--------------------|--------------------------|----------------------------|-------|-----|----------|------------------|-------------------|-----|-------------|-----|
| <b>Lab Sample ID:</b>       | <b>P1925-10MSD</b> | <b>Client Sample ID:</b> | <b>PMW-9D(20240327)MSD</b> |       |     |          | <b>DataFile:</b> | <b>BN030586.D</b> |     |             |     |
| 1,4-Dioxane                 | 16                 |                          | 11                         | ug/L  | 69  |          | 9                |                   | 15  | 120         | 50  |
| Benzaldehyde                | 40                 |                          | 54                         | ug/L  | 135 |          | 12               | *                 | 0   | 0           | 0   |
| Pyridine                    | 40                 |                          | 19                         | ug/L  | 48  |          | 11               | *                 | 0   | 0           | 0   |
| Phenol                      | 40                 |                          | 13                         | ug/L  | 33  |          | 16               |                   | 12  | 110         | 42  |
| Bis(2-chloroethyl)ether     | 40                 |                          | 46                         | ug/L  | 115 |          | 11               | *                 | 0   | 0           | 0   |
| 2-Chlorophenol              | 40                 |                          | 39                         | ug/L  | 98  |          | 11               |                   | 27  | 123         | 40  |
| 2-Methylphenol              | 40                 |                          | 30                         | ug/L  | 75  |          | 10               | *                 | 0   | 0           | 0   |
| 2,2-oxybis(1-Chloropropane) | 40                 |                          | 43                         | ug/L  | 108 |          | 8                | *                 | 0   | 0           | 0   |
| Acetophenone                | 40                 |                          | 44                         | ug/L  | 110 |          | 7                | *                 | 0   | 0           | 0   |
| 4-Methylphenol              | 40                 |                          | 26                         | ug/L  | 65  |          | 11               | *                 | 0   | 0           | 0   |
| N-Nitroso-di-n-propylamine  | 40                 |                          | 45                         | ug/L  | 113 |          | 12               |                   | 41  | 116         | 38  |
| Hexachloroethane            | 40                 |                          | 44                         | ug/L  | 110 |          | 12               | *                 | 0   | 0           | 0   |
| Nitrobenzene                | 40                 |                          | 49                         | ug/L  | 123 |          | 8                | *                 | 0   | 0           | 0   |
| Isophorone                  | 40                 |                          | 49                         | ug/L  | 123 |          | 8                | *                 | 0   | 0           | 0   |
| 2-Nitrophenol               | 40                 |                          | 53                         | ug/L  | 133 |          | 10               | *                 | 0   | 0           | 0   |
| 2,4-Dimethylphenol          | 40                 |                          | 39                         | ug/L  | 98  |          | 9                | *                 | 0   | 0           | 0   |
| Bis(2-chloroethoxy)methane  | 40                 |                          | 46                         | ug/L  | 115 |          | 6                | *                 | 0   | 0           | 0   |
| 2,4-Dichlorophenol          | 40                 |                          | 50                         | ug/L  | 125 |          | 8                | *                 | 0   | 0           | 0   |
| Naphthalene                 | 40                 |                          | 46                         | ug/L  | 115 |          | 6                | *                 | 0   | 0           | 0   |
| 4-Chloroaniline             | 40                 |                          | 39                         | ug/L  | 98  |          | 11               | *                 | 0   | 0           | 0   |
| Hexachlorobutadiene         | 40                 |                          | 47                         | ug/L  | 117 |          | 8                | *                 | 0   | 0           | 0   |
| Caprolactam                 | 40                 |                          | 19                         | ug/L  | 48  |          | 11               | *                 | 0   | 0           | 0   |
| 4-Chloro-3-methylphenol     | 40                 |                          | 42                         | ug/L  | 105 | *        | 10               |                   | 23  | 97          | 42  |
| 1-Methylnaphthalene         | 40                 |                          | 46                         | ug/L  | 115 |          | 9                | *                 | 0   | 0           | 0   |
| 2-Methylnaphthalene         | 40                 |                          | 46                         | ug/L  | 115 |          | 6                | *                 | 0   | 0           | 0   |
| Hexachlorocyclopentadiene   | 40                 |                          | 43                         | ug/L  | 108 |          | 10               | *                 | 0   | 0           | 0   |
| 2,4,6-Trichlorophenol       | 40                 |                          | 53                         | ug/L  | 133 |          | 8                | *                 | 0   | 0           | 0   |
| 2,4,5-Trichlorophenol       | 40                 |                          | 61                         | ug/L  | 153 |          | 10               | *                 | 0   | 0           | 0   |
| 1,1'-Biphenyl               | 40                 |                          | 49                         | ug/L  | 123 |          | 11               | *                 | 0   | 0           | 0   |
| 2-Chloronaphthalene         | 40                 |                          | 49                         | ug/L  | 123 |          | 8                | *                 | 0   | 0           | 0   |
| 2-Nitroaniline              | 40                 |                          | 55                         | ug/L  | 138 |          | 10               | *                 | 0   | 0           | 0   |
| Dimethylphthalate           | 40                 |                          | 50                         | ug/L  | 125 |          | 10               | *                 | 0   | 0           | 0   |
| 2,6-Dinitrotoluene          | 40                 |                          | 56                         | ug/L  | 140 |          | 11               | *                 | 0   | 0           | 0   |
| Acenaphthylene              | 40                 |                          | 50                         | ug/L  | 125 |          | 10               | *                 | 0   | 0           | 0   |
| 3-Nitroaniline              | 40                 |                          | 52                         | ug/L  | 130 |          | 11               | *                 | 0   | 0           | 0   |
| Acenaphthene                | 40                 |                          | 49                         | ug/L  | 123 | *        | 11               |                   | 46  | 118         | 31  |
| 2,4-Dinitrophenol           | 40                 |                          | 55                         | ug/L  | 138 |          | 11               | *                 | 0   | 0           | 0   |
| 4-Nitrophenol               | 40                 |                          | 14                         | ug/L  | 35  |          | 6                |                   | 10  | 80          | 50  |
| Dibenzofuran                | 40                 |                          | 48                         | ug/L  | 120 |          | 6                | *                 | 0   | 0           | 0   |
| 2,4-Dinitrotoluene          | 40                 |                          | 56                         | ug/L  | 140 | *        | 11               |                   | 24  | 96          | 38  |
| Diethylphthalate            | 40                 |                          | 50                         | ug/L  | 125 |          | 8                | *                 | 0   | 0           | 0   |
| Fluorene                    | 40                 |                          | 49                         | ug/L  | 123 |          | 11               | *                 | 0   | 0           | 0   |
| 4-Chlorophenyl-phenylether  | 40                 |                          | 47                         | ug/L  | 117 |          | 8                | *                 | 0   | 0           | 0   |
| 4-Nitroaniline              | 40                 |                          | 63                         | ug/L  | 158 |          | 10               | *                 | 0   | 0           | 0   |
| 4,6-Dinitro-2-methylphenol  | 40                 |                          | 56                         | ug/L  | 140 |          | 11               | *                 | 0   | 0           | 0   |
| N-Nitrosodiphenylamine      | 40                 |                          | 49                         | ug/L  | 123 |          | 7                | *                 | 0   | 0           | 0   |

## Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN040224

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

Analytical Method: SFAM\_SVOC

| Parameter                  | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|----------------------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| 1,2,4,5-Tetrachlorobenzene | 40    |                  | 53     | ug/L  | 133 |             | 10  | *           | 0   | 0              | 0   |
| 4-Bromophenyl-phenylether  | 40    |                  | 52     | ug/L  | 130 |             | 11  | *           | 0   | 0              | 0   |
| Hexachlorobenzene          | 40    |                  | 49     | ug/L  | 123 |             | 7   | *           | 0   | 0              | 0   |
| Atrazine                   | 40    |                  | 48     | ug/L  | 120 |             | 6   | *           | 0   | 0              | 0   |
| Pentachlorophenol          | 40    |                  | 53     | ug/L  | 133 | *           | 10  |             | 9   | 103            | 50  |
| Phenanthrene               | 40    |                  | 50     | ug/L  | 125 |             | 8   | *           | 0   | 0              | 0   |
| Pentachlorobenzene         | 40    |                  | 49     | ug/L  | 123 |             | 7   | *           | 0   | 0              | 0   |
| Anthracene                 | 40    |                  | 50     | ug/L  | 125 |             | 8   | *           | 0   | 0              | 0   |
| 1,2,3,4-Tetrachlorobenzene | 40    |                  | 59     | ug/L  | 148 |             | 9   | *           | 0   | 0              | 0   |
| Carbazole                  | 40    |                  | 53     | ug/L  | 133 |             | 8   | *           | 0   | 0              | 0   |
| Di-n-butylphthalate        | 40    |                  | 53     | ug/L  | 133 |             | 6   | *           | 0   | 0              | 0   |
| Fluoranthene               | 40    |                  | 50     | ug/L  | 125 |             | 8   | *           | 0   | 0              | 0   |
| Pyrene                     | 40    |                  | 49     | ug/L  | 123 |             | 7   |             | 26  | 127            | 31  |
| Butylbenzylphthalate       | 40    |                  | 58     | ug/L  | 145 |             | 7   | *           | 0   | 0              | 0   |
| 3,3'-Dichlorobenzidine     | 40    |                  | 46     | ug/L  | 115 |             | 9   | *           | 0   | 0              | 0   |
| Benzo(a)anthracene         | 40    |                  | 50     | ug/L  | 125 |             | 8   | *           | 0   | 0              | 0   |
| Chrysene                   | 40    |                  | 50     | ug/L  | 125 |             | 8   | *           | 0   | 0              | 0   |
| Bis(2-ethylhexyl)phthalate | 40    |                  | 56     | ug/L  | 140 |             | 9   | *           | 0   | 0              | 0   |
| Di-n-octylphthalate        | 40    |                  | 60     | ug/L  | 150 |             | 11  | *           | 0   | 0              | 0   |
| Benzo(b)fluoranthene       | 40    |                  | 56     | ug/L  | 140 |             | 11  | *           | 0   | 0              | 0   |
| Benzo(k)fluoranthene       | 40    |                  | 53     | ug/L  | 133 |             | 8   | *           | 0   | 0              | 0   |
| Benzo(a)pyrene             | 40    |                  | 53     | ug/L  | 133 |             | 8   | *           | 0   | 0              | 0   |
| Indeno(1,2,3-cd)pyrene     | 40    |                  | 52     | ug/L  | 130 |             | 11  | *           | 0   | 0              | 0   |
| Dibenzo(a,h)anthracene     | 40    |                  | 52     | ug/L  | 130 |             | 11  | *           | 0   | 0              | 0   |
| Benzo(g,h,i)perylene       | 40    |                  | 51     | ug/L  | 128 |             | 11  | *           | 0   | 0              | 0   |
| 2,3,4,6-Tetrachlorophenol  | 40    |                  | 52     | ug/L  | 130 |             | 6   | *           | 0   | 0              | 0   |



Surrogate Summary  
SW-846

SDG No.: BN040224

Client:

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| SP            | SP        | BN030599.D | 1,4-Dioxane-d8                | 8              | 0.00            | 0            | *    | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 0.00            | 0            | *    | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 0.00            | 0            | *    | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 0.00            | 0            | *    | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 0.00            | 0            | *    | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 0.00            | 0            | *    | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 0.00            | 0            | *    | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 0.00            | 0            | *    | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 0.00            | 0            | *    | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 0.00            | 0            | *    | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 0.00            | 0            | *    | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 0.00            | 0            | *    | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 0.00            | 0            | *    | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 0.00            | 0            | *    | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 0.00            | 0            | *    | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 0.00            | 0            | *    | 20         | 130  |



Surrogate Summary  
SW-846

SDG No.: BN040224

Client:

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID                 | Datafile | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|---------------------------|----------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                           |          |                               |                |                 |              |      | Low        | High |
| P1925-08      | PMW-9D(20240327BN030584.D |          | 1,4-Dioxane-d8                | 8              | 5.94            | 74           |      | 15         | 120  |
|               |                           |          | Pyridine-d5                   | 40             | 14.55           | 36           |      | 20         | 120  |
|               |                           |          | Phenol-d5                     | 40             | 9.60            | 24           |      | 10         | 130  |
|               |                           |          | Bis(2-Chloroethyl)ether-d8    | 40             | 37.97           | 95           |      | 25         | 120  |
|               |                           |          | 2-Chlorophenol-d4             | 40             | 32.51           | 81           |      | 20         | 130  |
|               |                           |          | 4-Methylphenol-d8             | 40             | 20.59           | 51           |      | 25         | 125  |
|               |                           |          | Nitrobenzene-d5               | 40             | 41.70           | 104          |      | 20         | 125  |
|               |                           |          | 2-Nitrophenol-d4              | 40             | 43.31           | 108          |      | 20         | 130  |
|               |                           |          | 2,4-Dichlorophenol-d3         | 40             | 36.56           | 91           |      | 20         | 120  |
|               |                           |          | 4-Chloroaniline-d4            | 40             | 32.76           | 82           |      | 1          | 146  |
|               |                           |          | Dimethylphthalate-d6          | 40             | 41.59           | 104          |      | 25         | 130  |
|               |                           |          | Acenaphthylene-d8             | 40             | 41.60           | 104          |      | 10         | 130  |
|               |                           |          | 4-Nitrophenol-d4              | 40             | 7.98            | 20           |      | 10         | 150  |
|               |                           |          | Fluorene-d10                  | 40             | 41.68           | 104          |      | 25         | 125  |
|               |                           |          | 4,6-Dinitro-2-methylphenol-d2 | 40             | 35.53           | 89           |      | 10         | 130  |
|               |                           |          | Anthracene-d10                | 40             | 43.55           | 109          |      | 25         | 130  |
|               |                           |          | Pyrene-d10                    | 40             | 43.20           | 108          |      | 15         | 130  |
|               |                           |          | Benzo(a)pyrene-d12            | 40             | 47.32           | 118          |      | 20         | 130  |
| P1925-09MS    | PMW-9D(20240327BN030585.D |          | 1,4-Dioxane-d8                | 8              | 6.17            | 77           |      | 15         | 120  |
|               |                           |          | Pyridine-d5                   | 40             | 15.94           | 40           |      | 20         | 120  |
|               |                           |          | Phenol-d5                     | 40             | 10.45           | 26           |      | 10         | 130  |
|               |                           |          | Bis(2-Chloroethyl)ether-d8    | 40             | 40.56           | 101          |      | 25         | 120  |
|               |                           |          | 2-Chlorophenol-d4             | 40             | 35.28           | 88           |      | 20         | 130  |
|               |                           |          | 4-Methylphenol-d8             | 40             | 21.98           | 55           |      | 25         | 125  |
|               |                           |          | Nitrobenzene-d5               | 40             | 46.08           | 115          |      | 20         | 125  |
|               |                           |          | 2-Nitrophenol-d4              | 40             | 50.11           | 125          |      | 20         | 130  |
|               |                           |          | 2,4-Dichlorophenol-d3         | 40             | 42.53           | 106          |      | 20         | 120  |
|               |                           |          | 4-Chloroaniline-d4            | 40             | 35.17           | 88           |      | 1          | 146  |
|               |                           |          | Dimethylphthalate-d6          | 40             | 44.74           | 112          |      | 25         | 130  |
|               |                           |          | Acenaphthylene-d8             | 40             | 44.72           | 112          |      | 10         | 130  |
|               |                           |          | 4-Nitrophenol-d4              | 40             | 12.12           | 30           |      | 10         | 150  |
|               |                           |          | Fluorene-d10                  | 40             | 43.90           | 110          |      | 25         | 125  |
|               |                           |          | 4,6-Dinitro-2-methylphenol-d2 | 40             | 49.34           | 123          |      | 10         | 130  |
|               |                           |          | Anthracene-d10                | 40             | 45.88           | 115          |      | 25         | 130  |
|               |                           |          | Pyrene-d10                    | 40             | 45.19           | 113          |      | 15         | 130  |
|               |                           |          | Benzo(a)pyrene-d12            | 40             | 48.71           | 122          |      | 20         | 130  |
| P1925-10MSD   | PMW-9D(20240327BN030586.D |          | 1,4-Dioxane-d8                | 8              | 6.65            | 83           |      | 15         | 120  |
|               |                           |          | Pyridine-d5                   | 40             | 16.94           | 42           |      | 20         | 120  |
|               |                           |          | Phenol-d5                     | 40             | 11.61           | 29           |      | 10         | 130  |
|               |                           |          | Bis(2-Chloroethyl)ether-d8    | 40             | 44.76           | 112          |      | 25         | 120  |
|               |                           |          | 2-Chlorophenol-d4             | 40             | 39.02           | 98           |      | 20         | 130  |
|               |                           |          | 4-Methylphenol-d8             | 40             | 24.81           | 62           |      | 25         | 125  |
|               |                           |          | Nitrobenzene-d5               | 40             | 50.75           | 127          | *    | 20         | 125  |
|               |                           |          | 2-Nitrophenol-d4              | 40             | 55.70           | 139          | *    | 20         | 130  |
|               |                           |          | 2,4-Dichlorophenol-d3         | 40             | 46.29           | 116          |      | 20         | 120  |
|               |                           |          | 4-Chloroaniline-d4            | 40             | 38.02           | 95           |      | 1          | 146  |
|               |                           |          | Dimethylphthalate-d6          | 40             | 49.11           | 123          |      | 25         | 130  |
|               |                           |          | Acenaphthylene-d8             | 40             | 49.74           | 124          |      | 10         | 130  |
|               |                           |          | 4-Nitrophenol-d4              | 40             | 13.41           | 34           |      | 10         | 150  |
|               |                           |          | Fluorene-d10                  | 40             | 48.55           | 121          |      | 25         | 125  |
|               |                           |          | 4,6-Dinitro-2-methylphenol-d2 | 40             | 54.22           | 136          | *    | 10         | 130  |

Surrogate Summary  
SW-846

SDG No.: BN040224

Client:

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID                  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|----------------------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                            |            |                               |                |                 |              |      | Low        | High |
| P1925-10MSD   | PMW-9D(20240327BN030586.D  |            | Anthracene-d10                | 40             | 49.45           | 124          |      | 25         | 130  |
|               |                            |            | Pyrene-d10                    | 40             | 49.42           | 124          |      | 15         | 130  |
|               |                            |            | Benzo(a)pyrene-d12            | 40             | 54.29           | 136          | *    | 20         | 130  |
| P1925-11      | FB(20240327)               | BN030587.D | 1,4-Dioxane-d8                | 8              | 5.62            | 70           |      | 15         | 120  |
|               |                            |            | Pyridine-d5                   | 40             | 7.71            | 19           | *    | 20         | 120  |
|               |                            |            | Phenol-d5                     | 40             | 7.97            | 20           |      | 10         | 130  |
|               |                            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 38.88           | 97           |      | 25         | 120  |
|               |                            |            | 2-Chlorophenol-d4             | 40             | 32.00           | 80           |      | 20         | 130  |
|               |                            |            | 4-Methylphenol-d8             | 40             | 17.53           | 44           |      | 25         | 125  |
|               |                            |            | Nitrobenzene-d5               | 40             | 42.44           | 106          |      | 20         | 125  |
|               |                            |            | 2-Nitrophenol-d4              | 40             | 43.83           | 110          |      | 20         | 130  |
|               |                            |            | 2,4-Dichlorophenol-d3         | 40             | 34.81           | 87           |      | 20         | 120  |
|               |                            |            | 4-Chloroaniline-d4            | 40             | 28.61           | 72           |      | 1          | 146  |
|               |                            |            | Dimethylphthalate-d6          | 40             | 40.39           | 101          |      | 25         | 130  |
|               |                            |            | Acenaphthylene-d8             | 40             | 41.01           | 103          |      | 10         | 130  |
|               |                            |            | 4-Nitrophenol-d4              | 40             | 6.06            | 15           |      | 10         | 150  |
|               |                            |            | Fluorene-d10                  | 40             | 40.80           | 102          |      | 25         | 125  |
|               |                            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 32.24           | 81           |      | 10         | 130  |
|               |                            |            | Anthracene-d10                | 40             | 42.60           | 106          |      | 25         | 130  |
|               |                            |            | Pyrene-d10                    | 40             | 43.20           | 108          |      | 15         | 130  |
|               |                            |            | Benzo(a)pyrene-d12            | 40             | 47.09           | 118          |      | 20         | 130  |
| P1925-12      | PMW-9S(20240327BN030588.D  |            | 1,4-Dioxane-d8                | 8              | 6.23            | 78           |      | 15         | 120  |
|               |                            |            | Pyridine-d5                   | 40             | 15.26           | 38           |      | 20         | 120  |
|               |                            |            | Phenol-d5                     | 40             | 11.27           | 28           |      | 10         | 130  |
|               |                            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 35.22           | 88           |      | 25         | 120  |
|               |                            |            | 2-Chlorophenol-d4             | 40             | 31.18           | 78           |      | 20         | 130  |
|               |                            |            | 4-Methylphenol-d8             | 40             | 22.03           | 55           |      | 25         | 125  |
|               |                            |            | Nitrobenzene-d5               | 40             | 36.96           | 92           |      | 20         | 125  |
|               |                            |            | 2-Nitrophenol-d4              | 40             | 38.46           | 96           |      | 20         | 130  |
|               |                            |            | 2,4-Dichlorophenol-d3         | 40             | 33.58           | 84           |      | 20         | 120  |
|               |                            |            | 4-Chloroaniline-d4            | 40             | 30.14           | 75           |      | 1          | 146  |
|               |                            |            | Dimethylphthalate-d6          | 40             | 40.97           | 102          |      | 25         | 130  |
|               |                            |            | Acenaphthylene-d8             | 40             | 38.95           | 97           |      | 10         | 130  |
|               |                            |            | 4-Nitrophenol-d4              | 40             | 10.79           | 27           |      | 10         | 150  |
|               |                            |            | Fluorene-d10                  | 40             | 39.81           | 100          |      | 25         | 125  |
|               |                            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 32.27           | 81           |      | 10         | 130  |
|               |                            |            | Anthracene-d10                | 40             | 40.93           | 102          |      | 25         | 130  |
|               |                            |            | Pyrene-d10                    | 40             | 42.59           | 106          |      | 15         | 130  |
|               |                            |            | Benzo(a)pyrene-d12            | 40             | 46.68           | 117          |      | 20         | 130  |
| P1925-13      | PMW-1(20240327) BN030589.D |            | 1,4-Dioxane-d8                | 8              | 6.79            | 85           |      | 15         | 120  |
|               |                            |            | Pyridine-d5                   | 40             | 15.81           | 40           |      | 20         | 120  |
|               |                            |            | Phenol-d5                     | 40             | 10.39           | 26           |      | 10         | 130  |
|               |                            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 39.15           | 98           |      | 25         | 120  |
|               |                            |            | 2-Chlorophenol-d4             | 40             | 33.51           | 84           |      | 20         | 130  |
|               |                            |            | 4-Methylphenol-d8             | 40             | 21.81           | 55           |      | 25         | 125  |
|               |                            |            | Nitrobenzene-d5               | 40             | 42.50           | 106          |      | 20         | 125  |
|               |                            |            | 2-Nitrophenol-d4              | 40             | 45.06           | 113          |      | 20         | 130  |
|               |                            |            | 2,4-Dichlorophenol-d3         | 40             | 38.19           | 95           |      | 20         | 120  |
|               |                            |            | 4-Chloroaniline-d4            | 40             | 32.31           | 81           |      | 1          | 146  |
|               |                            |            | Dimethylphthalate-d6          | 40             | 43.17           | 108          |      | 25         | 130  |
|               |                            |            | Acenaphthylene-d8             | 40             | 43.00           | 107          |      | 10         | 130  |

Surrogate Summary  
SW-846

SDG No.: BN040224

Client:

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID       | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                 |            |                               |                |                 |              |      | Low        | High |
| P1925-13      | PMW-1(20240327) | BN030589.D | 4-Nitrophenol-d4              | 40             | 8.72            | 22           |      | 10         | 150  |
|               |                 |            | Fluorene-d10                  | 40             | 42.59           | 106          |      | 25         | 125  |
|               |                 |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 34.47           | 86           |      | 10         | 130  |
|               |                 |            | Anthracene-d10                | 40             | 44.14           | 110          |      | 25         | 130  |
|               |                 |            | Pyrene-d10                    | 40             | 43.25           | 108          |      | 15         | 130  |
| PB159896BL    | PB159896BL      | BN030583.D | Benzo(a)pyrene-d12            | 40             | 47.54           | 119          |      | 20         | 130  |
|               |                 |            | Pyridine-d5                   | 40             | 27.76           | 69           |      | 20         | 120  |
|               |                 |            | 1,4-Dioxane-d8                | 8              | 5.70            | 71           |      | 15         | 120  |
|               |                 |            | Phenol-d5                     | 40             | 26.77           | 67           |      | 10         | 130  |
|               |                 |            | Bis(2-Chloroethyl)ether-d8    | 40             | 27.17           | 68           |      | 25         | 120  |
|               |                 |            | 2-Chlorophenol-d4             | 40             | 29.03           | 73           |      | 20         | 130  |
|               |                 |            | 4-Methylphenol-d8             | 40             | 25.87           | 65           |      | 25         | 125  |
|               |                 |            | Nitrobenzene-d5               | 40             | 30.04           | 75           |      | 20         | 125  |
|               |                 |            | 2-Nitrophenol-d4              | 40             | 33.73           | 84           |      | 20         | 130  |
|               |                 |            | 2,4-Dichlorophenol-d3         | 40             | 28.09           | 70           |      | 20         | 120  |
|               |                 |            | 4-Chloroaniline-d4            | 40             | 14.58           | 36           |      | 1          | 146  |
|               |                 |            | Dimethylphthalate-d6          | 40             | 28.76           | 72           |      | 25         | 130  |
|               |                 |            | Acenaphthylene-d8             | 40             | 28.58           | 71           |      | 10         | 130  |
|               |                 |            | 4-Nitrophenol-d4              | 40             | 27.94           | 70           |      | 10         | 150  |
|               |                 |            | Fluorene-d10                  | 40             | 28.51           | 71           |      | 25         | 125  |
|               |                 |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 25.24           | 63           |      | 10         | 130  |
|               |                 |            | Anthracene-d10                | 40             | 30.04           | 75           |      | 25         | 130  |
|               |                 |            | Pyrene-d10                    | 40             | 28.32           | 71           |      | 15         | 130  |
|               |                 |            | Benzo(a)pyrene-d12            | 40             | 31.42           | 79           |      | 20         | 130  |
| PB159896BS    | PB159896BS      | BN030590.D | 1,4-Dioxane-d8                | 8              | 8.45            | 106          |      | 15         | 120  |
|               |                 |            | Pyridine-d5                   | 40             | 44.75           | 112          |      | 20         | 120  |
|               |                 |            | Phenol-d5                     | 40             | 43.38           | 108          |      | 10         | 130  |
|               |                 |            | Bis(2-Chloroethyl)ether-d8    | 40             | 41.71           | 104          |      | 25         | 120  |
|               |                 |            | 2-Chlorophenol-d4             | 40             | 45.19           | 113          |      | 20         | 130  |
|               |                 |            | 4-Methylphenol-d8             | 40             | 41.67           | 104          |      | 25         | 125  |
|               |                 |            | Nitrobenzene-d5               | 40             | 45.62           | 114          |      | 20         | 125  |
|               |                 |            | 2-Nitrophenol-d4              | 40             | 51.61           | 129          |      | 20         | 130  |
|               |                 |            | 2,4-Dichlorophenol-d3         | 40             | 46.18           | 115          |      | 20         | 120  |
|               |                 |            | 4-Chloroaniline-d4            | 40             | 40.39           | 101          |      | 1          | 146  |
|               |                 |            | Dimethylphthalate-d6          | 40             | 43.33           | 108          |      | 25         | 130  |
|               |                 |            | Acenaphthylene-d8             | 40             | 44.65           | 112          |      | 10         | 130  |
|               |                 |            | 4-Nitrophenol-d4              | 40             | 47.07           | 118          |      | 10         | 150  |
|               |                 |            | Fluorene-d10                  | 40             | 43.68           | 109          |      | 25         | 125  |
|               |                 |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 46.95           | 117          |      | 10         | 130  |
|               |                 |            | Anthracene-d10                | 40             | 44.30           | 111          |      | 25         | 130  |
|               |                 |            | Pyrene-d10                    | 40             | 43.95           | 110          |      | 15         | 130  |
|               |                 |            | Benzo(a)pyrene-d12            | 40             | 47.86           | 120          |      | 20         | 130  |

Surrogate Summary  
SW-846

SDG No.: BN040224

Client:

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID                 | Datafile | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|---------------------------|----------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                           |          |                               |                |                 |              |      | Low        | High |
| P1925-14      | PMW-8D(20240327BN030594.D |          | 1,4-Dioxane-d8                | 8              | 6.80            | 85           |      | 15         | 120  |
|               |                           |          | Pyridine-d5                   | 40             | 11.80           | 29           |      | 20         | 120  |
|               |                           |          | Phenol-d5                     | 40             | 10.53           | 26           |      | 10         | 130  |
|               |                           |          | Bis(2-Chloroethyl)ether-d8    | 40             | 42.88           | 107          |      | 25         | 120  |
|               |                           |          | 2-Chlorophenol-d4             | 40             | 36.65           | 92           |      | 20         | 130  |
|               |                           |          | 4-Methylphenol-d8             | 40             | 22.99           | 57           |      | 25         | 125  |
|               |                           |          | Nitrobenzene-d5               | 40             | 46.10           | 115          |      | 20         | 125  |
|               |                           |          | 2-Nitrophenol-d4              | 40             | 49.96           | 125          |      | 20         | 130  |
|               |                           |          | 2,4-Dichlorophenol-d3         | 40             | 41.24           | 103          |      | 20         | 120  |
|               |                           |          | 4-Chloroaniline-d4            | 40             | 33.72           | 84           |      | 1          | 146  |
|               |                           |          | Dimethylphthalate-d6          | 40             | 46.04           | 115          |      | 25         | 130  |
|               |                           |          | Acenaphthylene-d8             | 40             | 45.74           | 114          |      | 10         | 130  |
|               |                           |          | 4-Nitrophenol-d4              | 40             | 8.78            | 22           |      | 10         | 150  |
|               |                           |          | Fluorene-d10                  | 40             | 45.48           | 114          |      | 25         | 125  |
|               |                           |          | 4,6-Dinitro-2-methylphenol-d2 | 40             | 36.05           | 90           |      | 10         | 130  |
|               |                           |          | Anthracene-d10                | 40             | 47.45           | 119          |      | 25         | 130  |
|               |                           |          | Pyrene-d10                    | 40             | 46.92           | 117          |      | 15         | 130  |
|               |                           |          | Benzo(a)pyrene-d12            | 40             | 50.46           | 126          |      | 20         | 130  |
| P1925-15      | PMW-8S(20240328BN030595.D |          | 1,4-Dioxane-d8                | 8              | 6.78            | 85           |      | 15         | 120  |
|               |                           |          | Pyridine-d5                   | 40             | 14.11           | 35           |      | 20         | 120  |
|               |                           |          | Phenol-d5                     | 40             | 11.35           | 28           |      | 10         | 130  |
|               |                           |          | Bis(2-Chloroethyl)ether-d8    | 40             | 44.26           | 111          |      | 25         | 120  |
|               |                           |          | 2-Chlorophenol-d4             | 40             | 37.75           | 94           |      | 20         | 130  |
|               |                           |          | 4-Methylphenol-d8             | 40             | 24.53           | 61           |      | 25         | 125  |
|               |                           |          | Nitrobenzene-d5               | 40             | 46.78           | 117          |      | 20         | 125  |
|               |                           |          | 2-Nitrophenol-d4              | 40             | 50.44           | 126          |      | 20         | 130  |
|               |                           |          | 2,4-Dichlorophenol-d3         | 40             | 44.15           | 110          |      | 20         | 120  |
|               |                           |          | 4-Chloroaniline-d4            | 40             | 33.39           | 83           |      | 1          | 146  |
|               |                           |          | Dimethylphthalate-d6          | 40             | 48.94           | 122          |      | 25         | 130  |
|               |                           |          | Acenaphthylene-d8             | 40             | 48.40           | 121          |      | 10         | 130  |
|               |                           |          | 4-Nitrophenol-d4              | 40             | 9.59            | 24           |      | 10         | 150  |
|               |                           |          | Fluorene-d10                  | 40             | 49.10           | 123          |      | 25         | 125  |
|               |                           |          | 4,6-Dinitro-2-methylphenol-d2 | 40             | 38.17           | 95           |      | 10         | 130  |
|               |                           |          | Anthracene-d10                | 40             | 51.40           | 128          |      | 25         | 130  |
|               |                           |          | Pyrene-d10                    | 40             | 50.15           | 125          |      | 15         | 130  |
|               |                           |          | Benzo(a)pyrene-d12            | 40             | 56.17           | 140          | *    | 20         | 130  |
| P1925-16      | PMW-7S(20240328BN030596.D |          | 1,4-Dioxane-d8                | 8              | 6.73            | 84           |      | 15         | 120  |
|               |                           |          | Pyridine-d5                   | 40             | 16.06           | 40           |      | 20         | 120  |
|               |                           |          | Phenol-d5                     | 40             | 11.20           | 28           |      | 10         | 130  |
|               |                           |          | Bis(2-Chloroethyl)ether-d8    | 40             | 41.02           | 103          |      | 25         | 120  |
|               |                           |          | 2-Chlorophenol-d4             | 40             | 36.66           | 92           |      | 20         | 130  |
|               |                           |          | 4-Methylphenol-d8             | 40             | 24.61           | 62           |      | 25         | 125  |
|               |                           |          | Nitrobenzene-d5               | 40             | 45.08           | 113          |      | 20         | 125  |
|               |                           |          | 2-Nitrophenol-d4              | 40             | 47.71           | 119          |      | 20         | 130  |
|               |                           |          | 2,4-Dichlorophenol-d3         | 40             | 44.46           | 111          |      | 20         | 120  |
|               |                           |          | 4-Chloroaniline-d4            | 40             | 38.38           | 96           |      | 1          | 146  |
|               |                           |          | Dimethylphthalate-d6          | 40             | 50.26           | 126          |      | 25         | 130  |
|               |                           |          | Acenaphthylene-d8             | 40             | 48.54           | 121          |      | 10         | 130  |
|               |                           |          | 4-Nitrophenol-d4              | 40             | 9.73            | 24           |      | 10         | 150  |
|               |                           |          | Fluorene-d10                  | 40             | 48.59           | 121          |      | 25         | 125  |
|               |                           |          | 4,6-Dinitro-2-methylphenol-d2 | 40             | 40.64           | 102          |      | 10         | 130  |

Surrogate Summary  
SW-846

SDG No.: BN040224

Client:

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID                 | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|---------------------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                           |            |                               |                |                 |              |      | Low        | High |
| P1925-16      | PMW-7S(20240328BN030596.D |            | Anthracene-d10                | 40             | 52.00           | 130          |      | 25         | 130  |
|               |                           |            | Pyrene-d10                    | 40             | 51.08           | 128          |      | 15         | 130  |
|               |                           |            | Benzo(a)pyrene-d12            | 40             | 57.22           | 143          | *    | 20         | 130  |
| P1925-17      | MW-7D(20240328)BN030597.D |            | 1,4-Dioxane-d8                | 8              | 5.99            | 75           |      | 15         | 120  |
|               |                           |            | Pyridine-d5                   | 40             | 14.00           | 35           |      | 20         | 120  |
|               |                           |            | Phenol-d5                     | 40             | 10.65           | 27           |      | 10         | 130  |
|               |                           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 39.83           | 100          |      | 25         | 120  |
|               |                           |            | 2-Chlorophenol-d4             | 40             | 34.82           | 87           |      | 20         | 130  |
|               |                           |            | 4-Methylphenol-d8             | 40             | 22.14           | 55           |      | 25         | 125  |
|               |                           |            | Nitrobenzene-d5               | 40             | 43.13           | 108          |      | 20         | 125  |
|               |                           |            | 2-Nitrophenol-d4              | 40             | 46.24           | 116          |      | 20         | 130  |
|               |                           |            | 2,4-Dichlorophenol-d3         | 40             | 38.69           | 97           |      | 20         | 120  |
|               |                           |            | 4-Chloroaniline-d4            | 40             | 29.03           | 73           |      | 1          | 146  |
|               |                           |            | Dimethylphthalate-d6          | 40             | 42.13           | 105          |      | 25         | 130  |
|               |                           |            | Acenaphthylene-d8             | 40             | 41.13           | 103          |      | 10         | 130  |
|               |                           |            | 4-Nitrophenol-d4              | 40             | 8.68            | 22           |      | 10         | 150  |
|               |                           |            | Fluorene-d10                  | 40             | 41.65           | 104          |      | 25         | 125  |
|               |                           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 36.11           | 90           |      | 10         | 130  |
|               |                           |            | Anthracene-d10                | 40             | 43.08           | 108          |      | 25         | 130  |
|               |                           |            | Pyrene-d10                    | 40             | 43.08           | 108          |      | 15         | 130  |
|               |                           |            | Benzo(a)pyrene-d12            | 40             | 46.70           | 117          |      | 20         | 130  |
| P1929-06      | C0AM0                     | BN030593.D | Pyridine-d5                   | 40             | 10.44           | 26           |      | 20         | 120  |
|               |                           |            | 1,4-Dioxane-d8                | 8              | 6.37            | 80           |      | 15         | 120  |
|               |                           |            | Phenol-d5                     | 40             | 8.02            | 20           |      | 10         | 130  |
|               |                           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 38.77           | 97           |      | 25         | 120  |
|               |                           |            | 2-Chlorophenol-d4             | 40             | 31.19           | 78           |      | 20         | 130  |
|               |                           |            | 4-Methylphenol-d8             | 40             | 18.62           | 47           |      | 25         | 125  |
|               |                           |            | Nitrobenzene-d5               | 40             | 42.06           | 105          |      | 20         | 125  |
|               |                           |            | 2-Nitrophenol-d4              | 40             | 43.09           | 108          |      | 20         | 130  |
|               |                           |            | 2,4-Dichlorophenol-d3         | 40             | 35.59           | 89           |      | 20         | 120  |
|               |                           |            | 4-Chloroaniline-d4            | 40             | 32.79           | 82           |      | 1          | 146  |
|               |                           |            | Dimethylphthalate-d6          | 40             | 45.72           | 114          |      | 25         | 130  |
|               |                           |            | Acenaphthylene-d8             | 40             | 44.39           | 111          |      | 10         | 130  |
|               |                           |            | 4-Nitrophenol-d4              | 40             | 7.04            | 18           |      | 10         | 150  |
|               |                           |            | Fluorene-d10                  | 40             | 46.66           | 117          |      | 25         | 125  |
|               |                           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 35.19           | 88           |      | 10         | 130  |
|               |                           |            | Anthracene-d10                | 40             | 48.99           | 122          |      | 25         | 130  |
|               |                           |            | Pyrene-d10                    | 40             | 49.42           | 124          |      | 15         | 130  |
|               |                           |            | Benzo(a)pyrene-d12            | 40             | 54.26           | 136          | *    | 20         | 130  |
| PB159926BL    | PB159926BL                | BN030592.D | 1,4-Dioxane-d8                | 8              | 6.54            | 82           |      | 15         | 120  |
|               |                           |            | Pyridine-d5                   | 40             | 33.53           | 84           |      | 20         | 120  |
|               |                           |            | Phenol-d5                     | 40             | 29.99           | 75           |      | 10         | 130  |
|               |                           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 30.05           | 75           |      | 25         | 120  |
|               |                           |            | 2-Chlorophenol-d4             | 40             | 32.19           | 80           |      | 20         | 130  |
|               |                           |            | 4-Methylphenol-d8             | 40             | 29.45           | 74           |      | 25         | 125  |
|               |                           |            | Nitrobenzene-d5               | 40             | 33.31           | 83           |      | 20         | 125  |
|               |                           |            | 2-Nitrophenol-d4              | 40             | 36.76           | 92           |      | 20         | 130  |
|               |                           |            | 2,4-Dichlorophenol-d3         | 40             | 31.31           | 78           |      | 20         | 120  |
|               |                           |            | 4-Chloroaniline-d4            | 40             | 23.82           | 60           |      | 1          | 146  |
|               |                           |            | Dimethylphthalate-d6          | 40             | 32.37           | 81           |      | 25         | 130  |
|               |                           |            | Acenaphthylene-d8             | 40             | 32.61           | 82           |      | 10         | 130  |



Surrogate Summary  
SW-846

SDG No.: BN040224

Client:

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| PB159926BL    | PB159926BL | BN030592.D | 4-Nitrophenol-d4              | 40             | 30.40           | 76           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 32.59           | 81           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 25.63           | 64           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 31.85           | 80           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 33.26           | 83           |      | 15         | 130  |
| PB159926BS    | PB159926BS | BN030598.D | Benzo(a)pyrene-d12            | 40             | 34.36           | 86           |      | 20         | 130  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 6.30            | 79           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 29.16           | 73           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 32.09           | 80           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 30.55           | 76           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 33.61           | 84           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 30.57           | 76           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 33.63           | 84           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 37.65           | 94           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 33.88           | 85           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 31.75           | 79           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 32.05           | 80           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 32.49           | 81           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 33.60           | 84           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 31.23           | 78           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 33.21           | 83           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 32.46           | 81           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 32.05           | 80           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 33.62           | 84           |      | 20         | 130  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN040224

Lab Code: CHEM

SAS No.: BN040224

SDG NO.: BN040224

Lab File ID: BN030581.D

DFTPP Injection Date: 04/01/2024

Instrument ID: BNA\_N

DFTPP Injection Time: 09:32

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 35.5                 |
| 68  | Less than 2.0% of mass 69          | 0.7 ( 1.9 ) 1        |
| 69  | Mass 69 relative abundance         | 36.8                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.4 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 47.4                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.9                  |
| 275 | 10.0 - 60.0% of mass 198           | 26.1                 |
| 365 | Greater than 1% of mass 198        | 3.1                  |
| 441 | Present, but less than mass 443    | 10.2                 |
| 442 | Greater than 50% of mass 198       | 69.9                 |
| 443 | 15.0 - 24.0% of mass 442           | 12 ( 17.1 ) 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 |
|----------------------|------------------|----------------|------------------|------------------|
| SSTD020332           | SSTDCCC020       | BN030582.D     | 04/01/2024       | 10:12            |
| SBLK896              | PB159896BL       | BN030583.D     | 04/01/2024       | 10:53            |
| PMW-9D (20240327)    | P1925-08         | BN030584.D     | 04/01/2024       | 11:32            |
| PMW-9D (20240327)MS  | P1925-09MS       | BN030585.D     | 04/01/2024       | 12:12            |
| PMW-9D (20240327)MSD | P1925-10MSD      | BN030586.D     | 04/01/2024       | 13:04            |
| FB (20240327)        | P1925-11         | BN030587.D     | 04/01/2024       | 13:43            |
| PMW-9S (20240327)    | P1925-12         | BN030588.D     | 04/01/2024       | 14:23            |
| PMW-1 (20240327)     | P1925-13         | BN030589.D     | 04/01/2024       | 15:02            |
| SLCS896              | PB159896BS       | BN030590.D     | 04/01/2024       | 15:42            |
| SSTD020333           | SSTDCCC020       | BN030591.D     | 04/01/2024       | 16:21            |
| SBLK926              | PB159926BL       | BN030592.D     | 04/01/2024       | 17:00            |
| C0AM0                | P1929-06         | BN030593.D     | 04/01/2024       | 17:39            |
| PMW-8D (20240327)    | P1925-14         | BN030594.D     | 04/01/2024       | 18:19            |
| PMW-8S (20240328)    | P1925-15         | BN030595.D     | 04/01/2024       | 18:58            |
| PMW-7S (20240328)    | P1925-16         | BN030596.D     | 04/01/2024       | 19:38            |
| MW-7D (20240328)     | P1925-17         | BN030597.D     | 04/01/2024       | 20:17            |
| SLCS926              | PB159926BS       | BN030598.D     | 04/01/2024       | 20:57            |
| SP                   | SP               | BN030599.D     | 04/01/2024       | 21:37            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN040224

Lab Code: CHEM

SAS No.: BN040224

SDG NO.: BN040224

Lab File ID: BN030581.D

DFTPP Injection Date: 04/01/2024

Instrument ID: BNA\_N

DFTPP Injection Time: 09:32

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 35.5                 |
| 68  | Less than 2.0% of mass 69          | 0.7 ( 1.9 ) 1        |
| 69  | Mass 69 relative abundance         | 36.8                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.4 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 47.4                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.9                  |
| 275 | 10.0 - 60.0% of mass 198           | 26.1                 |
| 365 | Greater than 1% of mass 198        | 3.1                  |
| 441 | Present, but less than mass 443    | 10.2                 |
| 442 | Greater than 50% of mass 198       | 69.9                 |
| 443 | 15.0 - 24.0% of mass 442           | 12 ( 17.1 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| SSTD020334        | SSTDCCC020EC     | BN030600.D     | 04/01/2024       | 22:56            |