

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BN040424 SAS No.: BN040424 SDG No.: BN040424

Instrument ID: BNA\_N Calibration Date/Time: 4/2/2024 12:09:43

Lab File ID: BN030608.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020335 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 | 0.507  | 0.010      | 10.8722 | 40.0  |
| Benzaldehyde                | 0.753 | 0.968  | 0.010      | 28.4975 | 40.0  |
| Pyridine                    | 1.291 | 1.385  | 0.010      | 7.3538  | 40.0  |
| Phenol                      | 1.685 | 1.748  | 0.080      | 3.7003  | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.374 | 1.458  | 0.100      | 6.0652  | 20.0  |
| 2-Chlorophenol              | 1.317 | 1.451  | 0.200      | 10.22   | 20.0  |
| 2-Methylphenol              | 1.299 | 1.341  | 0.010      | 3.263   | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 1.935 | 1.966  | 0.010      | 1.5742  | 40.0  |
| Acetophenone                | 2.141 | 2.222  | 0.060      | 3.7951  | 20.0  |
| 4-Methylphenol              | 1.454 | 1.478  | 0.010      | 1.6722  | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.078 | 1.100  | 0.050      | 2.0394  | 30.0  |
| Hexachloroethane            | 0.552 | 0.609  | 0.100      | 10.2545 | 20.0  |
| Nitrobenzene                | 0.339 | 0.369  | 0.050      | 9.0796  | 25.0  |
| Isophorone                  | 0.675 | 0.702  | 0.050      | 3.9366  | 25.0  |
| 2-Nitrophenol               | 0.149 | 0.170  | 0.050      | 13.8137 | 25.0  |
| 2,4-Dimethylphenol          | 0.332 | 0.361  | 0.050      | 8.9817  | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.429 | 0.450  | 0.050      | 4.7575  | 20.0  |
| 2,4-Dichlorophenol          | 0.284 | 0.313  | 0.060      | 10.517  | 20.0  |
| Naphthalene                 | 1.026 | 1.102  | 0.200      | 7.4443  | 20.0  |
| 4-Chloroaniline             | 0.441 | 0.462  | 0.010      | 4.8646  | 40.0  |
| Hexachlorobutadiene         | 0.179 | 0.196  | 0.040      | 9.9804  | 30.0  |
| Caprolactam                 | 0.106 | 0.098  | 0.010      | -7.3111 | 40.0  |
| 4-Chloro-3-methylphenol     | 0.319 | 0.334  | 0.040      | 4.7127  | 25.0  |
| 1-Methylnaphthalene         | 0.727 | 0.764  | 0.100      | 5.1184  | 20.0  |
| 2-Methylnaphthalene         | 0.716 | 0.765  | 0.100      | 6.8113  | 20.0  |
| Hexachlorocyclopentadiene   | 0.293 | 0.302  | 0.010      | 3.1068  | 40.0  |
| 2,4,6-Trichlorophenol       | 0.323 | 0.367  | 0.090      | 13.6921 | 25.0  |
| 2,4,5-Trichlorophenol       | 0.364 | 0.410  | 0.100      | 12.482  | 25.0  |
| 1,1-Biphenyl                | 1.363 | 1.498  | 0.200      | 9.8536  | 20.0  |
| 2-Chloronaphthalene         | 1.073 | 1.183  | 0.300      | 10.2384 | 20.0  |
| 2-Nitroaniline              | 0.286 | 0.309  | 0.050      | 8.3742  | 40.0  |
| Dimethylphthalate           | 1.379 | 1.452  | 0.300      | 5.2852  | 20.0  |
| 2,6-Dinitrotoluene          | 0.256 | 0.288  | 0.080      | 12.7591 | 30.0  |
| Acenaphthylene              | 1.774 | 1.951  | 0.400      | 10.0088 | 20.0  |
| 3-Nitroaniline              | 0.271 | 0.305  | 0.010      | 12.1807 | 40.0  |
| Acenaphthene                | 1.182 | 1.271  | 0.200      | 7.5281  | 20.0  |
| 2,4-Dinitrophenol           | 0.117 | 0.104  | 0.010      | -11.525 | 40.0  |
| 4-Nitrophenol               | 0.202 | 0.209  | 0.010      | 3.1827  | 40.0  |
| Dibenzofuran                | 1.643 | 1.753  | 0.300      | 6.707   | 20.0  |

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BN040424 SAS No.: BN040424 SDG No.: BN040424

Instrument ID: BNA\_N Calibration Date/Time: 4/2/2024 12:09:43

Lab File ID: BN030608.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020335 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 | 0.412  | 0.070      | 10.34   | 30.0  |
| Diethylphthalate            | 1.401 | 1.472  | 0.300      | 5.0104  | 20.0  |
| Fluorene                    | 1.306 | 1.427  | 0.200      | 9.2818  | 20.0  |
| 4-Chlorophenyl-phenylether  | 0.641 | 0.678  | 0.100      | 5.8515  | 20.0  |
| 4-Nitroaniline              | 0.264 | 0.311  | 0.010      | 17.7826 | 40.0  |
| 4,6-Dinitro-2-methylphenol  | 0.095 | 0.097  | 0.010      | 2.0098  | 40.0  |
| N-Nitrosodiphenylamine      | 0.545 | 0.593  | 0.050      | 8.9602  | 20.0  |
| 1,2,4,5-Tetrachlorobenzene  | 0.516 | 0.582  | 0.100      | 12.8379 | 20.0  |
| 4-Bromophenyl-phenylether   | 0.190 | 0.208  | 0.070      | 9.3257  | 20.0  |
| Hexachlorobenzene           | 0.224 | 0.240  | 0.050      | 7.1503  | 25.0  |
| Atrazine                    | 0.189 | 0.203  | 0.010      | 7.3565  | 25.0  |
| Pentachlorophenol           | 0.132 | 0.143  | 0.010      | 8.529   | 40.0  |
| Phenanthrene                | 1.028 | 1.129  | 0.200      | 9.8748  | 20.0  |
| Pentachlorobenzene          | 0.250 | 0.272  | 0.050      | 9.1462  | 20.0  |
| Anthracene                  | 1.039 | 1.143  | 0.200      | 10.0409 | 20.0  |
| 1,2,3,4-Tetrachlorobenzene  | 0.246 | 0.279  | 0.050      | 13.7115 | 20.0  |
| Carbazole                   | 0.911 | 1.039  | 0.050      | 14.0057 | 40.0  |
| Di-n-butylphthalate         | 1.111 | 1.258  | 0.500      | 13.2166 | 25.0  |
| Fluoranthene                | 1.278 | 1.380  | 0.400      | 7.989   | 25.0  |
| Pyrene                      | 1.350 | 1.442  | 0.400      | 6.8441  | 25.0  |
| Butylbenzylphthalate        | 0.516 | 0.580  | 0.100      | 12.4902 | 40.0  |
| 3,3-Dichlorobenzidine       | 0.367 | 0.429  | 0.010      | 16.7867 | 40.0  |
| Benzo(a)anthracene          | 1.335 | 1.418  | 0.300      | 6.2559  | 30.0  |
| Chrysene                    | 1.260 | 1.361  | 0.200      | 8.0424  | 30.0  |
| Bis(2-ethylhexyl)phthalate  | 0.760 | 0.878  | 0.200      | 15.5121 | 40.0  |
| Di-n-octyl phthalate        | 1.267 | 1.423  | 0.010      | 12.3765 | 40.0  |
| Benzo(b)fluoranthene        | 1.177 | 1.301  | 0.200      | 10.5486 | 25.0  |
| Benzo(k)fluoranthene        | 1.195 | 1.353  | 0.200      | 13.2088 | 25.0  |
| Benzo(a)pyrene              | 1.112 | 1.209  | 0.200      | 8.6916  | 20.0  |
| Indeno(1,2,3-cd)pyrene      | 1.202 | 1.244  | 0.200      | 3.4856  | 25.0  |
| Dibenzo(a,h)anthracene      | 1.012 | 1.049  | 0.200      | 3.6773  | 30.0  |
| Benzo(g,h,i)perylene        | 0.944 | 0.963  | 0.200      | 2.0156  | 30.0  |
| 2,3,4,6-Tetrachlorophenol   | 0.303 | 0.336  | 0.040      | 10.9956 | 20.0  |
| 1,4-Dioxane-d8              | 0.427 | 0.464  | 0.010      | 8.6629  | 25.0  |
| Pyridine-d5                 | 1.279 | 1.357  | 0.010      | 6.124   | 40.0  |
| Phenol-d5                   | 1.618 | 1.669  | 0.010      | 3.1664  | 25.0  |
| Bis-(2-Chloroethyl)ether-d8 | 0.999 | 1.040  | 0.050      | 4.1023  | 25.0  |
| 2-Chlorophenol-d4           | 1.227 | 1.371  | 0.200      | 11.7167 | 20.0  |
| 4-Methylphenol-d8           | 1.356 | 1.382  | 0.010      | 1.9442  | 20.0  |

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Instrument ID: BNA\_N Calibration Date/Time: 4/2/2024 12:09:43

Lab File ID: BN030608.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020335 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 | 0.154  | 0.050      | 11.211  | 20.0  |
| 2-Nitrophenol-d4              | 0.127 | 0.149  | 0.050      | 17.2268 | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.278 | 0.310  | 0.060      | 11.6802 | 20.0  |
| 4-Chloroaniline-d4            | 0.457 | 0.475  | 0.010      | 3.8626  | 40.0  |
| Dimethylphthalate-d6          | 1.335 | 1.414  | 0.300      | 5.9232  | 20.0  |
| Acenaphthylene-d8             | 1.535 | 1.691  | 0.400      | 10.1101 | 20.0  |
| 4-Nitrophenol-d4              | 0.255 | 0.260  | 0.010      | 1.911   | 40.0  |
| Fluorene-d10                  | 1.169 | 1.256  | 0.100      | 7.488   | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.088 | 0.086  | 0.010      | -2.033  | 40.0  |
| Anthracene-d10                | 0.862 | 0.943  | 0.300      | 9.4549  | 20.0  |
| Pyrene-d10                    | 1.075 | 1.130  | 0.300      | 5.0655  | 25.0  |
| Benzo (a) pyrene-d12          | 0.922 | 1.017  | 0.010      | 10.332  | 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.: BN040424 SAS No.: BN040424 SDG No.: BN040424

Instrument ID: BNA\_N Calibration Date/Time: 4/2/2024 12:16:04

Lab File ID: BN030615.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020336 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 | 0.496  | 0.010      | 8.4827  | 50.0  |
| Benzaldehyde                | 0.753 | 0.987  | 0.010      | 30.959  | 50.0  |
| Pyridine                    | 1.291 | 1.385  | 0.010      | 7.3396  | 50.0  |
| Phenol                      | 1.685 | 1.778  | 0.080      | 5.5058  | 50.0  |
| Bis(2-Chloroethyl)ether     | 1.374 | 1.468  | 0.100      | 6.8221  | 50.0  |
| 2-Chlorophenol              | 1.317 | 1.483  | 0.200      | 12.6685 | 50.0  |
| 2-Methylphenol              | 1.299 | 1.365  | 0.010      | 5.1239  | 50.0  |
| 2,2-oxybis(1-Chloropropane) | 1.935 | 1.955  | 0.010      | 1.0118  | 50.0  |
| Acetophenone                | 2.141 | 2.259  | 0.060      | 5.5194  | 50.0  |
| 4-Methylphenol              | 1.454 | 1.514  | 0.010      | 4.0994  | 50.0  |
| N-Nitroso-di-n-propylamine  | 1.078 | 1.116  | 0.050      | 3.5064  | 50.0  |
| Hexachloroethane            | 0.552 | 0.604  | 0.100      | 9.4034  | 50.0  |
| Nitrobenzene                | 0.339 | 0.374  | 0.050      | 10.3563 | 50.0  |
| Isophorone                  | 0.675 | 0.720  | 0.050      | 6.6591  | 50.0  |
| 2-Nitrophenol               | 0.149 | 0.179  | 0.050      | 19.9833 | 50.0  |
| 2,4-Dimethylphenol          | 0.332 | 0.359  | 0.050      | 8.3189  | 50.0  |
| Bis(2-Chloroethoxy)methane  | 0.429 | 0.453  | 0.050      | 5.5006  | 50.0  |
| 2,4-Dichlorophenol          | 0.284 | 0.319  | 0.060      | 12.3312 | 50.0  |
| Naphthalene                 | 1.026 | 1.109  | 0.200      | 8.1415  | 50.0  |
| 4-Chloroaniline             | 0.441 | 0.465  | 0.010      | 5.4096  | 50.0  |
| Hexachlorobutadiene         | 0.179 | 0.198  | 0.040      | 10.9604 | 50.0  |
| Caprolactam                 | 0.106 | 0.107  | 0.010      | 1.0301  | 50.0  |
| 4-Chloro-3-methylphenol     | 0.319 | 0.345  | 0.040      | 7.885   | 50.0  |
| 1-Methylnaphthalene         | 0.727 | 0.771  | 0.100      | 6.0517  | 50.0  |
| 2-Methylnaphthalene         | 0.716 | 0.773  | 0.100      | 7.8561  | 50.0  |
| Hexachlorocyclopentadiene   | 0.293 | 0.319  | 0.010      | 8.8358  | 50.0  |
| 2,4,6-Trichlorophenol       | 0.323 | 0.375  | 0.090      | 16.4091 | 50.0  |
| 2,4,5-Trichlorophenol       | 0.364 | 0.414  | 0.100      | 13.5437 | 50.0  |
| 1,1-Biphenyl                | 1.363 | 1.513  | 0.200      | 10.9629 | 50.0  |
| 2-Chloronaphthalene         | 1.073 | 1.194  | 0.300      | 11.2447 | 50.0  |
| 2-Nitroaniline              | 0.286 | 0.322  | 0.050      | 12.6672 | 50.0  |
| Dimethylphthalate           | 1.379 | 1.506  | 0.300      | 9.1724  | 50.0  |
| 2,6-Dinitrotoluene          | 0.256 | 0.290  | 0.080      | 13.2501 | 50.0  |
| Acenaphthylene              | 1.774 | 1.997  | 0.400      | 12.5911 | 50.0  |
| 3-Nitroaniline              | 0.271 | 0.315  | 0.010      | 16.2129 | 50.0  |
| Acenaphthene                | 1.182 | 1.301  | 0.200      | 10.0965 | 50.0  |
| 2,4-Dinitrophenol           | 0.117 | 0.110  | 0.010      | -6.3319 | 50.0  |
| 4-Nitrophenol               | 0.202 | 0.218  | 0.010      | 7.9085  | 50.0  |
| Dibenzofuran                | 1.643 | 1.776  | 0.300      | 8.0614  | 50.0  |

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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Lab Code: CHEM Case No.: BN040424 SAS No.: BN040424 SDG No.: BN040424

Instrument ID: BNA\_N Calibration Date/Time: 4/2/2024 12:16:04

Lab File ID: BN030615.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020336 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 | 0.435  | 0.070      | 16.5212 | 50.0  |
| Diethylphthalate            | 1.401 | 1.499  | 0.300      | 6.9523  | 50.0  |
| Fluorene                    | 1.306 | 1.448  | 0.200      | 10.8534 | 50.0  |
| 4-Chlorophenyl-phenylether  | 0.641 | 0.695  | 0.100      | 8.4367  | 50.0  |
| 4-Nitroaniline              | 0.264 | 0.332  | 0.010      | 25.7121 | 50.0  |
| 4,6-Dinitro-2-methylphenol  | 0.095 | 0.104  | 0.010      | 9.4092  | 50.0  |
| N-Nitrosodiphenylamine      | 0.545 | 0.598  | 0.050      | 9.8801  | 50.0  |
| 1,2,4,5-Tetrachlorobenzene  | 0.516 | 0.584  | 0.100      | 13.2195 | 50.0  |
| 4-Bromophenyl-phenylether   | 0.190 | 0.210  | 0.070      | 10.8377 | 50.0  |
| Hexachlorobenzene           | 0.224 | 0.240  | 0.050      | 7.2701  | 50.0  |
| Atrazine                    | 0.189 | 0.208  | 0.010      | 10.0208 | 50.0  |
| Pentachlorophenol           | 0.132 | 0.144  | 0.010      | 8.9334  | 50.0  |
| Phenanthrene                | 1.028 | 1.118  | 0.200      | 8.8319  | 50.0  |
| Pentachlorobenzene          | 0.250 | 0.273  | 0.050      | 9.3968  | 50.0  |
| Anthracene                  | 1.039 | 1.160  | 0.200      | 11.6438 | 50.0  |
| 1,2,3,4-Tetrachlorobenzene  | 0.246 | 0.278  | 0.050      | 13.0742 | 50.0  |
| Carbazole                   | 0.911 | 1.056  | 0.050      | 15.9111 | 50.0  |
| Di-n-butylphthalate         | 1.111 | 1.278  | 0.500      | 15.0139 | 50.0  |
| Fluoranthene                | 1.278 | 1.382  | 0.400      | 8.1129  | 50.0  |
| Pyrene                      | 1.350 | 1.462  | 0.400      | 8.3272  | 50.0  |
| Butylbenzylphthalate        | 0.516 | 0.603  | 0.100      | 17.0338 | 50.0  |
| 3,3-Dichlorobenzidine       | 0.367 | 0.440  | 0.010      | 19.7278 | 50.0  |
| Benzo(a)anthracene          | 1.335 | 1.450  | 0.300      | 8.6045  | 50.0  |
| Chrysene                    | 1.260 | 1.347  | 0.200      | 6.9178  | 50.0  |
| Bis(2-ethylhexyl)phthalate  | 0.760 | 0.885  | 0.200      | 16.4178 | 50.0  |
| Di-n-octyl phthalate        | 1.267 | 1.484  | 0.010      | 17.1792 | 50.0  |
| Benzo(b)fluoranthene        | 1.177 | 1.303  | 0.200      | 10.7299 | 50.0  |
| Benzo(k)fluoranthene        | 1.195 | 1.330  | 0.200      | 11.2326 | 50.0  |
| Benzo(a)pyrene              | 1.112 | 1.228  | 0.200      | 10.3996 | 50.0  |
| Indeno(1,2,3-cd)pyrene      | 1.202 | 1.272  | 0.200      | 5.7998  | 50.0  |
| Dibenzo(a,h)anthracene      | 1.012 | 1.070  | 0.200      | 5.7592  | 50.0  |
| Benzo(g,h,i)perylene        | 0.944 | 0.990  | 0.200      | 4.9296  | 50.0  |
| 2,3,4,6-Tetrachlorophenol   | 0.303 | 0.349  | 0.040      | 15.3233 | 50.0  |
| 1,4-Dioxane-d8              | 0.427 | 0.473  | 0.010      | 10.9241 | 50.0  |
| Pyridine-d5                 | 1.279 | 1.377  | 0.010      | 7.6586  | 50.0  |
| Phenol-d5                   | 1.618 | 1.736  | 0.010      | 7.2871  | 50.0  |
| Bis-(2-Chloroethyl)ether-d8 | 0.999 | 1.046  | 0.050      | 4.6688  | 50.0  |
| 2-Chlorophenol-d4           | 1.227 | 1.403  | 0.200      | 14.3166 | 50.0  |
| 4-Methylphenol-d8           | 1.356 | 1.405  | 0.010      | 3.6149  | 50.0  |

7C

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Instrument ID: BNA\_N Calibration Date/Time: 4/2/2024 12:16:04

Lab File ID: BN030615.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020336 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 | 0.157  | 0.050      | 12.99   | 50.0  |
| 2-Nitrophenol-d4              | 0.127 | 0.160  | 0.050      | 26.1178 | 50.0  |
| 2,4-Dichlorophenol-d3         | 0.278 | 0.319  | 0.060      | 14.696  | 50.0  |
| 4-Chloroaniline-d4            | 0.457 | 0.485  | 0.010      | 6.0214  | 50.0  |
| Dimethylphthalate-d6          | 1.335 | 1.453  | 0.300      | 8.8408  | 50.0  |
| Acenaphthylene-d8             | 1.535 | 1.718  | 0.400      | 11.9305 | 50.0  |
| 4-Nitrophenol-d4              | 0.255 | 0.279  | 0.010      | 9.3367  | 50.0  |
| Fluorene-d10                  | 1.169 | 1.260  | 0.100      | 7.8018  | 50.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.088 | 0.091  | 0.010      | 3.2745  | 50.0  |
| Anthracene-d10                | 0.862 | 0.940  | 0.300      | 9.1055  | 50.0  |
| Pyrene-d10                    | 1.075 | 1.155  | 0.300      | 7.4442  | 50.0  |
| Benzo (a) pyrene-d12          | 0.922 | 1.025  | 0.010      | 11.2676 | 50.0  |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/29/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/29/2024 12:00:00 AM |
| Client Sample ID:  | SBLK894        | SDG No.:        | BN040424              |
| Lab Sample ID:     | PB159894BL     | 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 |
| BN030609.D        | 1         | 3/29/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159894      |

| 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: | 3/29/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/29/2024 12:00:00 AM |
| Client Sample ID:  | SBLK894        | SDG No.:        | BN040424              |
| Lab Sample ID:     | PB159894BL     | 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 |
| BN030609.D        | 1         | 3/29/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159894      |

| 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: | 3/29/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/29/2024 12:00:00 AM |
| Client Sample ID:  | SBLK894        | SDG No.:        | BN040424              |
| Lab Sample ID:     | PB159894BL     | 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 |
| BN030609.D        | 1         | 3/29/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159894      |

| 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                | 7.727   |           | 15-120 |     | 97         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 28.899  |           | 20-120 |     | 72         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 34.576  |           | 10-130 |     | 86         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 35.565  |           | 25-120 |     | 89         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 37.832  |           | 20-130 |     | 95         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 33.294  |           | 25-125 |     | 83         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 38.182  |           | 20-125 |     | 95         | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 41.894  |           | 20-130 |     | 105        | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 36.02   |           | 20-120 |     | 90         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 18.289  |           | 1-146  |     | 46         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 37.497  |           | 25-130 |     | 94         | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 37.53   |           | 10-130 |     | 94         | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 33.542  |           | 10-150 |     | 84         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 36.502  |           | 25-125 |     | 91         | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 30.716  |           | 10-130 |     | 77         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 38.261  |           | 25-130 |     | 96         | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 38.574  |           | 15-130 |     | 96         | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 39.146  |           | 20-130 |     | 98         | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 281321  | 7.693     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 1239335 | 10.475    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 808245  | 14.334    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 1692015 | 17.08     |        |     |            |          |



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

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/29/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/29/2024 12:00:00 AM |
| Client Sample ID:  | SBLK894        | SDG No.:        | BN040424              |
| Lab Sample ID:     | PB159894BL     | 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 |
| BN030609.D        | 1         | 3/29/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159894      |

| CAS Number                            | Parameter     | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|---------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12  | 1532276 | 21.321    |     |     |            |       |
| 1520-96-3                             | Perylene-d12  | 1541189 | 24.262    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |               |         |           |     |     |            |       |
| E966796                               | Total Alkanes | 1.9     | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/16/2023 12:00:00 AM |
| Project:           |                | Date Received:  | 10/16/2023 12:00:00 AM |
| Client Sample ID:  | C0AA2          | SDG No.:        | BN040424               |
| Lab Sample ID:     | P1934-01       | Matrix:         | Water                  |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000 Units: mL | Final Vol:      | 1000 uL                |
| Soil Aliquot Vol:  | uL             | Test:           |                        |
| Extraction Type :  | Decanted :     | Level :         | LOW                    |
| Injection Volume : | GPC Factor :   | GPC Cleanup :   | PH :                   |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BN030610.D        | 1         | 3/29/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159894      |

| 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                      | 3.6   | J         | 1.7  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 120   |           | 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) | 140   |           | 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                | 29    |           | 1.3  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 8.4   |           | 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  | 88    | E         | 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         | 62    |           | 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: | 10/16/2023 12:00:00 AM |
| Project:           |                | Date Received:  | 10/16/2023 12:00:00 AM |
| Client Sample ID:  | C0AA2          | SDG No.:        | BN040424               |
| Lab Sample ID:     | P1934-01       | Matrix:         | Water                  |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000 Units: mL | Final Vol:      | 1000 uL                |
| Soil Aliquot Vol:  | uL             | Test:           |                        |
| Extraction Type :  | Decanted :     | Level :         | LOW                    |
| Injection Volume : | GPC Factor :   | GPC Cleanup :   | PH :                   |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BN030610.D        | 1         | 3/29/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159894      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 150   | E         | 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             | 22    |           | 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               | 46    |           | 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                   | 50    |           | 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  | 25    |           | 2.7  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 48    |           | 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               | 40    |           | 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                 | 25    |           | 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        | 110   | E         | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 1.7   | U         | 1.7  | 5   | 5          | ug/L  |
| 129-00-0   | Pyrene                     | 27    |           | 1.7  | 2.5 | 5          | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 97    | E         | 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         | 21    |           | 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 | 100   | E         | 1.5  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/16/2023 12:00:00 AM |
| Project:           |                | Date Received:  | 10/16/2023 12:00:00 AM |
| Client Sample ID:  | C0AA2          | SDG No.:        | BN040424               |
| Lab Sample ID:     | P1934-01       | Matrix:         | Water                  |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000 Units: mL | Final Vol:      | 1000 uL                |
| Soil Aliquot Vol:  | uL             | Test:           |                        |
| Extraction Type :  | Decanted :     | Level :         | LOW                    |
| Injection Volume : | GPC Factor :   | GPC Cleanup :   | PH :                   |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BN030610.D        | 1         | 3/29/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159894      |

| CAS Number                | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 150     |           | 1.3    | 5   | 10         | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 30      |           | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 33      |           | 2.2    | 2.5 | 5          | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 4.1     | J         | 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        | 41      |           | 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                | 7.663   |           | 15-120 |     | 96         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 36.993  |           | 20-120 |     | 92         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 40.818  |           | 10-130 |     | 102        | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 40.015  |           | 25-120 |     | 100        | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 42.742  |           | 20-130 |     | 107        | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 39.69   |           | 25-125 |     | 99         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 43.846  |           | 20-125 |     | 110        | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 77.319  | *         | 20-130 |     | 193        | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 42.563  |           | 20-120 |     | 106        | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 10.584  |           | 1-146  |     | 26         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 44.944  |           | 25-130 |     | 112        | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 43.776  |           | 10-130 |     | 109        | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 40.171  |           | 10-150 |     | 100        | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 43.854  |           | 25-125 |     | 110        | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 35.78   |           | 10-130 |     | 89         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 43.706  |           | 25-130 |     | 109        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 45.711  |           | 15-130 |     | 114        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 48.518  |           | 20-130 |     | 121        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 228292  | 7.693     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 1003115 | 10.481    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 658832  | 14.334    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 1387346 | 17.086    |        |     |            |          |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/16/2023 12:00:00 AM |
| Project:           |                | Date Received:  | 10/16/2023 12:00:00 AM |
| Client Sample ID:  | C0AA2          | SDG No.:        | BN040424               |
| Lab Sample ID:     | P1934-01       | Matrix:         | Water                  |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 100                    |
| Sample Wt/Vol:     | 1000 Units: mL | Final Vol:      | 1000 uL                |
| Soil Aliquot Vol:  | uL             | Test:           |                        |
| Extraction Type :  | Decanted :     | Level :         | LOW                    |
| Injection Volume : | GPC Factor :   | GPC Cleanup :   | PH :                   |

|                   |           |                       |                      |               |
|-------------------|-----------|-----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed        | Prep Batch ID |
| BN030610.D        | 1         | 3/29/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159894      |

| CAS Number                            | Parameter                       | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|---------------------------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12                    | 1259533 | 21.322    |     |     |            |       |
| 1520-96-3                             | Perylene-d12                    | 1229944 | 24.263    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                 |         |           |     |     |            |       |
| 000062-75-9                           | N-Nitrosodimethylamine          | 33      | J         |     |     | 3.54       |       |
| 000108-88-3                           | Toluene                         | 4.9     | J         |     |     | 3.922      |       |
|                                       | unknown-01                      | 2.6     | J         |     |     | 5.152      |       |
| 000106-46-7                           | Benzene, 1,4-dichloro-          | 39      | J         |     |     | 8.04       |       |
| 162085-85-0                           | Heptyl ethylphosphonofluoridate | 4.7     | J         |     |     | 12.246     |       |
| 000084-65-1                           | 9,10-Anthracenedione            | 13      | J         |     |     | 18.504     |       |
| E966796                               | Total Alkanes                   | 1.9     | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/16/2023 12:00:00 AM |
| Project:           |                | Date Received:  | 10/16/2023 12:00:00 AM |
| Client Sample ID:  | C0AA2DL        | SDG No.:        | BN040424               |
| Lab Sample ID:     | P1934-01DL     | 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 |
| BN030611.D        | 2         | 3/29/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159894      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.62  | U         | 0.62 | 1   | 4          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.8   | U         | 2.8  | 10  | 20         | ug/L  |
| 110-86-1       | Pyridine                    | 1.7   | U         | 1.7  | 20  | 20         | ug/L  |
| 108-95-2       | Phenol                      | 3.4   | U         | 3.4  | 10  | 20         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 110   | D         | 3    | 10  | 20         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 2.2   | U         | 2.2  | 5   | 10         | ug/L  |
| 95-48-7        | 2-Methylphenol              | 3     | U         | 3    | 10  | 20         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 130   | D         | 2.8  | 10  | 20         | ug/L  |
| 98-86-2        | Acetophenone                | 4.2   | U         | 4.2  | 10  | 20         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 3.2   | U         | 3.2  | 10  | 20         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.78  | U         | 1.78 | 5   | 10         | ug/L  |
| 98-95-3        | Nitrobenzene                | 26    | D         | 2.6  | 5   | 10         | ug/L  |
| 78-59-1        | Isophorone                  | 7.3   | JD        | 2.8  | 5   | 10         | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.44  | U         | 1.44 | 5   | 10         | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 82    | D         | 2.8  | 5   | 10         | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 91-20-3        | Naphthalene                 | 3     | U         | 3    | 5   | 10         | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 3.4   | U         | 3.4  | 5   | 20         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 2.2   | U         | 2.2  | 5   | 10         | ug/L  |
| 105-60-2       | Caprolactam                 | 2.6   | U         | 2.6  | 10  | 20         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1.94  | U         | 1.94 | 5   | 10         | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 59    | D         | 3    | 5   | 10         | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 2.8   | U         | 2.8  | 10  | 20         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 3.8   | U         | 3.8  | 5   | 10         | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 3.4   | U         | 3.4  | 5   | 10         | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 3.8   | U         | 3.8  | 5   | 10         | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 3.6   | U         | 3.6  | 5   | 10         | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 2.4   | U         | 2.4  | 5   | 10         | ug/L  |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/16/2023 12:00:00 AM |
| Project:           |                | Date Received:  | 10/16/2023 12:00:00 AM |
| Client Sample ID:  | C0AA2DL        | SDG No.:        | BN040424               |
| Lab Sample ID:     | P1934-01DL     | 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 |
| BN030611.D        | 2         | 3/29/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159894      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 150   | D         | 3.2  | 5   | 10         | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 2.6   | U         | 2.6  | 5   | 10         | ug/L  |
| 208-96-8   | Acenaphthylene             | 20    | D         | 3.6  | 5   | 10         | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.72  | U         | 1.72 | 10  | 20         | ug/L  |
| 83-32-9    | Acenaphthene               | 44    | D         | 3.8  | 5   | 10         | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 3.8   | U         | 3.8  | 10  | 20         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 3     | U         | 3    | 10  | 20         | ug/L  |
| 132-64-9   | Dibenzofuran               | 3.4   | U         | 3.4  | 5   | 10         | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1.94  | U         | 1.94 | 5   | 10         | ug/L  |
| 84-66-2    | Diethylphthalate           | 3     | U         | 3    | 5   | 10         | ug/L  |
| 86-73-7    | Fluorene                   | 48    | D         | 4    | 5   | 10         | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 3.8   | U         | 3.8  | 5   | 10         | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 10  | 20         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 3.4   | U         | 3.4  | 10  | 20         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 3.4   | U         | 3.4  | 5   | 10         | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 3.6   | U         | 3.6  | 5   | 10         | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 23    | D         | 5.4  | 5   | 10         | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 46    | D         | 3.8  | 5   | 10         | ug/L  |
| 1912-24-9  | Atrazine                   | 2.4   | U         | 2.4  | 10  | 20         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 3.4   | U         | 3.4  | 10  | 20         | ug/L  |
| 85-01-8    | Phenanthrene               | 39    | D         | 3.6  | 5   | 10         | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 2.6   | U         | 2.6  | 5   | 10         | ug/L  |
| 120-12-7   | Anthracene                 | 23    | D         | 3.4  | 5   | 10         | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 86-74-8    | Carbazole                  | 4     | U         | 4    | 10  | 20         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 110   | D         | 3.4  | 5   | 10         | ug/L  |
| 206-44-0   | Fluoranthene               | 3.4   | U         | 3.4  | 10  | 10         | ug/L  |
| 129-00-0   | Pyrene                     | 25    | D         | 3.4  | 5   | 10         | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 91    | D         | 3    | 5   | 10         | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 2.8   | U         | 2.8  | 10  | 20         | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 19    | D         | 3    | 5   | 10         | ug/L  |
| 218-01-9   | Chrysene                   | 3.4   | U         | 3.4  | 5   | 10         | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 100   | D         | 3    | 5   | 10         | ug/L  |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/16/2023 12:00:00 AM |
| Project:           |                | Date Received:  | 10/16/2023 12:00:00 AM |
| Client Sample ID:  | C0AA2DL        | SDG No.:        | BN040424               |
| Lab Sample ID:     | P1934-01DL     | 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 |
| BN030611.D        | 2         | 3/29/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159894      |

| CAS Number                | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 150     | D         | 2.6    | 10  | 20         | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 26      | D         | 3.2    | 5   | 10         | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 31      | D         | 4.4    | 5   | 10         | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 4       | U         | 4      | 5   | 10         | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 3.8     | U         | 3.8    | 5   | 10         | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 36      | D         | 4      | 5   | 10         | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 3.8     | U         | 3.8    | 5   | 10         | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 3.6     | U         | 3.6    | 5   | 10         | ug/L     |
| <b>SURROGATES</b>         |                               |         |           |        |     |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 7.376   |           | 15-120 |     | 92         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 32.906  |           | 20-120 |     | 82         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 35.908  |           | 10-130 |     | 90         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 37.498  |           | 25-120 |     | 94         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 38.082  |           | 20-130 |     | 95         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 34.784  |           | 25-125 |     | 87         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 37.92   |           | 20-125 |     | 95         | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 45.286  |           | 20-130 |     | 113        | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 37.338  |           | 20-120 |     | 93         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 8.014   |           | 1-146  |     | 20         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 40.42   |           | 25-130 |     | 101        | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 39.878  |           | 10-130 |     | 100        | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 30.902  |           | 10-150 |     | 77         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 41.492  |           | 25-125 |     | 104        | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 27.504  |           | 10-130 |     | 69         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 41.872  |           | 25-130 |     | 105        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 42.898  |           | 15-130 |     | 107        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 43.158  |           | 20-130 |     | 108        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 264631  | 7.687     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 1158769 | 10.475    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 757590  | 14.334    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 1581548 | 17.086    |        |     |            |          |



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

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 10/16/2023 12:00:00 AM |
| Project:           |            | Date Received:  | 10/16/2023 12:00:00 AM |
| Client Sample ID:  | C0AA2DL    | SDG No.:        | BN040424               |
| Lab Sample ID:     | P1934-01DL | 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 |
| BN030611.D        | 2         | 3/29/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159894      |

| CAS Number                            | Parameter     | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|---------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12  | 1454907 | 21.322    |     |     |            |       |
| 1520-96-3                             | Perylene-d12  | 1385368 | 24.268    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |               |         |           |     |     |            |       |
| E966796                               | Total Alkanes | 3.8     | 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-5(20240328) | SDG No.:        | BN040424              |
| Lab Sample ID:     | P1925-18        | 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 |
| BN030612.D        | 1         | 4/1/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159928      |

| 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-5(20240328) | SDG No.:        | BN040424              |
| Lab Sample ID:     | P1925-18        | 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 |
| BN030612.D        | 1         | 4/1/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159928      |

| 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-5(20240328) | SDG No.:        | BN040424              |
| Lab Sample ID:     | P1925-18        | 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 |
| BN030612.D        | 1         | 4/1/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159928      |

| 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                | 6.894   |           | 15-120 |     | 86         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 13.989  |           | 20-120 |     | 35         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 10.379  |           | 10-130 |     | 26         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 38.897  |           | 25-120 |     | 97         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 34.92   |           | 20-130 |     | 87         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 22.083  |           | 25-125 |     | 55         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 44.183  |           | 20-125 |     | 110        | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 48.362  |           | 20-130 |     | 121        | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 39.577  |           | 20-120 |     | 99         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 26.718  |           | 1-146  |     | 67         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 47.206  |           | 25-130 |     | 118        | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 48.927  |           | 10-130 |     | 122        | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 11.064  |           | 10-150 |     | 28         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 47.008  |           | 25-125 |     | 118        | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 33.937  |           | 10-130 |     | 85         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 40.872  |           | 25-130 |     | 102        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 41.032  |           | 15-130 |     | 103        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 43.24   |           | 20-130 |     | 108        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 230483  | 7.698     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 1016067 | 10.534    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 594247  | 14.333    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 1453792 | 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-5(20240328) | SDG No.:        | BN040424              |
| Lab Sample ID:     | P1925-18        | 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 |
| BN030612.D        | 1         | 4/1/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159928      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|------------------------------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12                       | 1352233 | 21.321    |     |     |            |       |
| 1520-96-3                             | Perylene-d12                       | 1410612 | 24.262    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |     |     |            |       |
| 000620-14-4                           | Benzene, 1-ethyl-3-methyl-         | 3       | J         |     |     | 6.787      |       |
| 000108-67-8                           | Mesitylene                         | 4.3     | J         |     |     | 7.345      |       |
| 000541-73-1                           | Benzene, 1,3-dichloro-             | 6.3     | J         |     |     | 7.587      |       |
| 001758-88-9                           | Benzene, 2-ethyl-1,4-dimethyl-     | 13      | J         |     |     | 9.122      |       |
| 000488-23-3                           | Benzene, 1,2,3,4-tetramethyl-      | 23      | J         |     |     | 9.31       |       |
| 000095-93-2                           | Benzene, 1,2,4,5-tetramethyl-      | 36      | J         |     |     | 9.375      |       |
| 000108-70-3                           | Benzene, 1,3,5-trichloro-          | 16      | J         |     |     | 9.622      |       |
| 000874-35-1                           | 1H-Indene, 2,3-dihydro-5-methyl-   | 17      | J         |     |     | 9.734      |       |
| 002039-89-6                           | Benzene, 2-ethenyl-1,4-dimethyl-   | 41      | J         |     |     | 9.881      |       |
| 000087-61-6                           | Benzene, 1,2,3-trichloro-          | 1500    | J         |     |     | 10.428     |       |
| 000105-60-2                           | Capro lactam                       | 5.2     | J         |     |     | 11.422     |       |
| 000091-57-6                           | Naphthalene, 2-methyl-             | 2.9     | J         |     |     | 12.145     |       |
| 000634-66-2                           | Benzene, 1,2,3,4-tetrachloro-      | 8       | J         |     |     | 12.51      |       |
| 002409-55-4                           | Phenol, 2-(1,1-dimethylethyl)-4-me | 16      | J         |     |     | 12.575     |       |
| 000095-95-4                           | Phenol, 2,4,5-trichloro-           | 6.3     | J         |     |     | 12.822     |       |
| 000933-78-8                           | Phenol, 2,3,5-trichloro-           | 3       | J         |     |     | 12.963     |       |
| 000634-90-2                           | Benzene, 1,2,3,5-tetrachloro-      | 4       | J         |     |     | 13.128     |       |
| 000933-75-5                           | Phenol, 2,3,6-trichloro-           | 3.9     | J         |     |     | 13.163     |       |
| 054845-35-1                           | Thiophene, 2-butyl-5-(2-methylprop | 4       | J         |     |     | 14.874     |       |
|                                       | unknown-01                         | 3.4     | J         |     |     | 15.88      |       |
| 000057-10-3                           | n-Hexadecanoic acid                | 3.3     | J         |     |     | 17.992     |       |
| 000091-76-9                           | 1,3,5-Triazine-2,4-diamine, 6-phen | 4.9     | J         |     |     | 18.663     |       |
| 000082-45-1                           | 9,10-Anthracenedione, 1-amino-     | 4.5     | J         |     |     | 20.645     |       |
| 001740-19-8                           | Dehydroabietic acid                | 8.5     | J         |     |     | 20.98      |       |
| 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:  | C0R36          | SDG No.:        | BN040424              |
| Lab Sample ID:     | P1934-02       | 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 |
| BN030613.D        | 1         | 3/29/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159894      |

| 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              | 2.2   | J         | 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                | 53    |           | 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               | 2.4   | J         | 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:  | C0R36          | SDG No.:        | BN040424              |
| Lab Sample ID:     | P1934-02       | 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 |
| BN030613.D        | 1         | 3/29/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159894      |

| 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   | J         | 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 | 4.3   | J         | 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:  | C0R36          | SDG No.:        | BN040424              |
| Lab Sample ID:     | P1934-02       | 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 |
| BN030613.D        | 1         | 3/29/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159894      |

| 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                | 6.016   |           | 15-120 |     | 75         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 10.184  |           | 20-120 |     | 25         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 6.559   |           | 10-130 |     | 16         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 31.347  |           | 25-120 |     | 78         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 26.346  |           | 20-130 |     | 66         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 15.258  |           | 25-125 |     | 38         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 36.602  |           | 20-125 |     | 92         | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 39.849  |           | 20-130 |     | 100        | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 30.369  |           | 20-120 |     | 76         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 14.684  |           | 1-146  |     | 37         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 36.674  |           | 25-130 |     | 92         | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 38.104  |           | 10-130 |     | 95         | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 15.49   |           | 10-150 |     | 39         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 73.585  | *         | 25-125 |     | 184        | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 39.243  |           | 10-130 |     | 98         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 36.394  |           | 25-130 |     | 91         | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 35.915  |           | 15-130 |     | 90         | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 40.594  |           | 20-130 |     | 101        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 191490  | 7.687     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 846209  | 10.475    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 537581  | 14.334    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 2319672 | 17.081    |        |     |            |          |

## 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:  | C0R36          | SDG No.:        | BN040424              |
| Lab Sample ID:     | P1934-02       | 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 |
| BN030613.D        | 1         | 3/29/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159894      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|-------------------------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12                  | 2258766 | 21.327    |     |     |            |       |
| 1520-96-3                             | Perylene-d12                  | 2323850 | 24.268    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |     |     |            |       |
| 1010160-13-3                          | Hexanoic acid, 4-octyl ester  | 4.2     | J         |     |     | 4.981      |       |
|                                       | unknown-01                    | 19      | J         |     |     | 5.181      |       |
|                                       | unknown-02                    | 19      | J         |     |     | 5.322      |       |
|                                       | unknown-03                    | 34      | J         |     |     | 6.252      |       |
|                                       | unknown-04                    | 20      | J         |     |     | 7.593      |       |
|                                       | unknown-05                    | 33      | J         |     |     | 8.081      |       |
|                                       | unknown-06                    | 19      | J         |     |     | 8.987      |       |
|                                       | unknown-07                    | 20      | J         |     |     | 9.675      |       |
| 000121-73-3                           | Benzene, 1-chloro-3-nitro-    | 20      | J         |     |     | 10.816     |       |
| 000100-00-5                           | Benzene, 1-chloro-4-nitro-    | 26      | J         |     |     | 11.075     |       |
| 000088-73-3                           | Benzene, 1-chloro-2-nitro-    | 5.8     | J         |     |     | 11.287     |       |
| 000089-64-5                           | 4-Chloro-2-nitrophenol        | 2.3     | J         |     |     | 11.599     |       |
| 000603-86-1                           | 2-Chloro-6-nitrophenol        | 2.3     | J         |     |     | 11.769     |       |
| 000611-07-4                           | Phenol, 5-chloro-2-nitro-     | 2.2     | J         |     |     | 12.34      |       |
| 000634-90-2                           | Benzene, 1,2,3,5-tetrachloro- | 5.5     | J         |     |     | 13.04      |       |
| 070125-16-5                           | 2-Amino-8-hydroxyquinoline    | 30      | J         |     |     | 13.975     |       |
|                                       | unknown-08                    | 7.5     | J         |     |     | 18.457     |       |
| E966796                               | Total Alkanes                 | 1.9     | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/29/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/29/2024 12:00:00 AM |
| Client Sample ID:  | SLCS894        | SDG No.:        | BN040424              |
| Lab Sample ID:     | PB159894BS     | 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 |
| BN030614.D        | 1         | 3/29/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159894      |

| 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                | 9.1   | J         | 1.4  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 31    |           | 0.85 | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 30    |           | 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              | 31    |           | 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) | 28    |           | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 29    |           | 2.1  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 29    |           | 1.6  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 28    |           | 1.4  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 30    |           | 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               | 35    |           | 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          | 32    |           | 1.4  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 30    |           | 1.5  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 24    |           | 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     | 32    |           | 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   | 30    |           | 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       | 34    |           | 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              | 34    |           | 1.2  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/29/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/29/2024 12:00:00 AM |
| Client Sample ID:  | SLCS894        | SDG No.:        | BN040424              |
| Lab Sample ID:     | PB159894BS     | 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 |
| BN030614.D        | 1         | 3/29/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159894      |

| 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             | 31    |           | 1.8  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 32    |           | 0.86 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 31    |           | 1.9  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 33    |           | 1.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 32    |           | 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                   | 30    |           | 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             | 39    |           | 0.6  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 35    |           | 1.7  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 31    |           | 1.7  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 32    |           | 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                   | 13    |           | 1.2  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 33    |           | 1.7  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 31    |           | 1.8  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 31    |           | 1.3  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 31    |           | 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               | 33    |           | 1.7  | 5   | 5          | ug/L  |
| 129-00-0   | Pyrene                     | 32    |           | 1.7  | 2.5 | 5          | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 37    |           | 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         | 31    |           | 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: | 3/29/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/29/2024 12:00:00 AM |
| Client Sample ID:  | SLCS894        | SDG No.:        | BN040424              |
| Lab Sample ID:     | PB159894BS     | 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 |
| BN030614.D        | 1         | 3/29/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159894      |

| CAS Number                | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 38      |           | 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        | 30      |           | 2      | 2.5 | 5          | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 31      |           | 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                | 6.356   |           | 15-120 |     | 79         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 35.39   |           | 20-120 |     | 88         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 33.274  |           | 10-130 |     | 83         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 31.373  |           | 25-120 |     | 78         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 34.875  |           | 20-130 |     | 87         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 32.177  |           | 25-125 |     | 80         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 35.32   |           | 20-125 |     | 88         | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 39.932  |           | 20-130 |     | 100        | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 35.333  |           | 20-120 |     | 88         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 24.188  |           | 1-146  |     | 60         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 33.39   |           | 25-130 |     | 83         | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 34.061  |           | 10-130 |     | 85         | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 35.553  |           | 10-150 |     | 89         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 32.65   |           | 25-125 |     | 82         | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 36.968  |           | 10-130 |     | 92         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 33.467  |           | 25-130 |     | 84         | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 35.013  |           | 15-130 |     | 88         | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 34.849  |           | 20-130 |     | 87         | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 289936  | 7.693     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 1283913 | 10.475    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 841039  | 14.334    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 1739342 | 17.087    |        |     |            |          |



Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/29/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/29/2024 12:00:00 AM |
| Client Sample ID:  | SLCS894        | SDG No.:        | BN040424              |
| Lab Sample ID:     | PB159894BS     | 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 |
| BN030614.D        | 1         | 3/29/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159894      |

| CAS Number                     | Parameter     | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------------------------|---------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                      | Chrysene-d12  | 1536849 | 21.327    |     |     |            |       |
| 1520-96-3                      | Perylene-d12  | 1518709 | 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:  | SBLK928        | SDG No.:        | BN040424             |
| Lab Sample ID:     | PB159928BL     | 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 |
| BN030616.D        | 1         | 4/1/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159928      |

| 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: | 4/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 4/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK928        | SDG No.:        | BN040424             |
| Lab Sample ID:     | PB159928BL     | 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 |
| BN030616.D        | 1         | 4/1/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159928      |

| 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:  | SBLK928        | SDG No.:        | BN040424             |
| Lab Sample ID:     | PB159928BL     | 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 |
| BN030616.D        | 1         | 4/1/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159928      |

| 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                | 6.43    |           | 15-120 |     | 80         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 22.722  |           | 20-120 |     | 57         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 29.221  |           | 10-130 |     | 73         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 30.383  |           | 25-120 |     | 76         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 32.946  |           | 20-130 |     | 82         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 26.726  |           | 25-125 |     | 67         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 32.866  |           | 20-125 |     | 82         | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 35      |           | 20-130 |     | 88         | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 31.24   |           | 20-120 |     | 78         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 0.079   | *         | 1-146  |     | 0          | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 32.078  |           | 25-130 |     | 80         | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 31.589  |           | 10-130 |     | 79         | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 28.661  |           | 10-150 |     | 72         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 32.432  |           | 25-125 |     | 81         | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 25.013  |           | 10-130 |     | 63         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 32.366  |           | 25-130 |     | 81         | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 32.042  |           | 15-130 |     | 80         | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 31.274  |           | 20-130 |     | 78         | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 200324  | 7.693     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 891537  | 10.475    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 599456  | 14.334    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 1263660 | 17.086    |        |     |            |          |



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:  | SBLK928    | SDG No.:        | BN040424             |
| Lab Sample ID:     | PB159928BL | 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 |
| BN030616.D        | 1         | 4/1/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159928      |

| CAS Number                     | Parameter     | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------------------------|---------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                      | Chrysene-d12  | 1216749 | 21.321    |     |     |            |       |
| 1520-96-3                      | Perylene-d12  | 1215506 | 24.262    |     |     |            |       |
| 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:  | SBLK923      | SDG No.:        | BN040424             |
| Lab Sample ID:     | PB159923BL   | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                    |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL               |
| Soil Aliquot Vol:  | uL           | Test:           |                      |
| Extraction Type :  | Decanted :   | Level :         | LOW                  |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                 |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BN030617.D        | 1         | 4/1/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159923      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 12    | U         | 12  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 48    | U         | 48  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 12    | U         | 12  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 45    | U         | 45  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 35    | U         | 35  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 22    | U         | 22  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 39    | U         | 39  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 29    | U         | 29  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 59    | U         | 59  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 41    | U         | 41  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 37    | U         | 37  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 16    | U         | 16  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 36    | U         | 36  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 30    | U         | 30  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 8.5   | U         | 8.5 | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 31    | U         | 31  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 44    | U         | 44  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 40    | U         | 40  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 36    | U         | 36  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 19    | U         | 19  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 37    | U         | 37  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 19    | U         | 19  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 49    | U         | 49  | 42.5 | 170        | ug/Kg |
| 92-52-4        | 1,1-Biphenyl                | 46    | U         | 46  | 42.5 | 170        | ug/Kg |
| 91-58-7        | 2-Chloronaphthalene         | 44    | U         | 44  | 42.5 | 170        | ug/Kg |
| 88-74-4        | 2-Nitroaniline              | 22    | U         | 22  | 42.5 | 170        | ug/Kg |

## 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:  | SBLK923      | SDG No.:        | BN040424             |
| Lab Sample ID:     | PB159923BL   | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                    |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL               |
| Soil Aliquot Vol:  | uL           | Test:           |                      |
| Extraction Type :  | Decanted :   | Level :         | LOW                  |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                 |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BN030617.D        | 1         | 4/1/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159923      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 131-11-3   | Dimethylphthalate          | 38    | U         | 38  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 46    | U         | 46  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 14    | U         | 14  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 32    | U         | 32  | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 11    | U         | 11  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 40    | U         | 40  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 13    | U         | 13  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 58    | U         | 58  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 48    | U         | 48  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 16    | U         | 16  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 39    | U         | 39  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 99    | U         | 99  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 50    | U         | 50  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 11    | U         | 11  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 38    | U         | 38  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 53    | U         | 53  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 36    | U         | 36  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 47    | U         | 47  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 5.6   | U         | 5.6 | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 61    | U         | 61  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 57    | U         | 57  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 45    | U         | 45  | 82.5 | 170        | ug/Kg |
| 129-00-0   | Pyrene                     | 46    | U         | 46  | 42.5 | 170        | ug/Kg |
| 85-68-7    | Butylbenzylphthalate       | 43    | U         | 43  | 42.5 | 170        | ug/Kg |
| 91-94-1    | 3,3-Dichlorobenzidine      | 25    | U         | 25  | 82.5 | 330        | ug/Kg |
| 56-55-3    | Benzo(a)anthracene         | 39    | U         | 39  | 42.5 | 170        | ug/Kg |
| 218-01-9   | Chrysene                   | 46    | U         | 46  | 42.5 | 170        | ug/Kg |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 43    | U         | 43  | 42.5 | 170        | ug/Kg |

## 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:  | SBLK923      | SDG No.:        | BN040424             |
| Lab Sample ID:     | PB159923BL   | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                    |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL               |
| Soil Aliquot Vol:  | uL           | Test:           |                      |
| Extraction Type :  | Decanted :   | Level :         | LOW                  |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                 |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BN030617.D        | 1         | 4/1/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159923      |

| CAS Number                | Parameter                     | Conc.   | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|---------|-----------|--------|------|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 43      | U         | 43     | 82.5 | 330        | ug/Kg    |
| 205-99-2                  | Benzo(b)fluoranthene          | 48      | U         | 48     | 42.5 | 170        | ug/Kg    |
| 207-08-9                  | Benzo(k)fluoranthene          | 58      | U         | 58     | 42.5 | 170        | ug/Kg    |
| 50-32-8                   | Benzo(a)pyrene                | 57      | U         | 57     | 42.5 | 170        | ug/Kg    |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 45      | U         | 45     | 42.5 | 170        | ug/Kg    |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 52      | U         | 52     | 42.5 | 170        | ug/Kg    |
| 191-24-2                  | Benzo(g,h,i)perylene          | 46      | U         | 46     | 42.5 | 170        | ug/Kg    |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 52      | U         | 52     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b>         |                               |         |           |        |      |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 6.455   |           | 15-120 |      | 81         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 34.079  |           | 20-120 |      | 85         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 29.758  |           | 10-130 |      | 74         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 29.602  |           | 10-150 |      | 74         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 31.754  |           | 15-120 |      | 79         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 28.766  |           | 10-140 |      | 72         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 32.082  |           | 10-135 |      | 80         | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 34.803  |           | 10-120 |      | 87         | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 30.737  |           | 10-140 |      | 77         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 26.11   |           | 1-145  |      | 65         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 32.104  |           | 10-145 |      | 80         | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 32.34   |           | 15-120 |      | 81         | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 28.215  |           | 10-150 |      | 71         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 31.979  |           | 20-140 |      | 80         | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 23.452  |           | 10-130 |      | 59         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 31.689  |           | 10-150 |      | 79         | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 32.334  |           | 10-130 |      | 81         | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 33.223  |           | 10-140 |      | 83         | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |      |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 233024  | 7.693     |        |      |            |          |
| 1146-65-2                 | Naphthalene-d8                | 1028161 | 10.475    |        |      |            |          |
| 15067-26-2                | Acenaphthene-d10              | 671668  | 14.334    |        |      |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 1454595 | 17.081    |        |      |            |          |

**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:  | SBLK923      | SDG No.:        | BN040424             |
| Lab Sample ID:     | PB159923BL   | Matrix:         | Solid                |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                    |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 uL               |
| Soil Aliquot Vol:  | uL           | Test:           |                      |
| Extraction Type :  | Decanted :   | Level :         | LOW                  |
| Injection Volume : | GPC Factor : | GPC Cleanup :   | PH :                 |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BN030617.D        | 1         | 4/1/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159923      |

| CAS Number                            | Parameter     | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|---------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12  | 1339040 | 21.322    |     |     |            |       |
| 1520-96-3                             | Perylene-d12  | 1369355 | 24.263    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |               |         |           |     |     |            |       |
| E966796                               | Total Alkanes | 46      | U         |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/22/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/22/2024 12:00:00 AM |
| Client Sample ID:  | SVOC-GPC-BLANK | SDG No.:        | BN040424              |
| Lab Sample ID:     | P1928-05       | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 10 Units: g    | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL             | Test:           |                       |
| Extraction Type :  | Decanted :     | Level :         | LOW                   |
| Injection Volume : | GPC Factor :   | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BN030618.D        | 1         | 4/1/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159930      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 36    | U         | 36  | 19.8 | 200        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 140   | U         | 140 | 250  | 990        | ug/Kg |
| 110-86-1       | Pyridine                    | 36    | U         | 36  | 500  | 990        | ug/Kg |
| 108-95-2       | Phenol                      | 140   | U         | 140 | 250  | 990        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 110   | U         | 110 | 250  | 990        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 66    | U         | 66  | 130  | 510        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 120   | U         | 120 | 250  | 990        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 87    | U         | 87  | 250  | 990        | ug/Kg |
| 98-86-2        | Acetophenone                | 180   | U         | 180 | 250  | 990        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 120   | U         | 120 | 250  | 990        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 110   | U         | 110 | 130  | 510        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 48    | U         | 48  | 130  | 510        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 81    | U         | 81  | 130  | 510        | ug/Kg |
| 78-59-1        | Isophorone                  | 110   | U         | 110 | 130  | 510        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 90    | U         | 90  | 130  | 510        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 26    | U         | 26  | 130  | 510        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 93    | U         | 93  | 130  | 510        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 100   | U         | 100 | 130  | 510        | ug/Kg |
| 91-20-3        | Naphthalene                 | 99    | U         | 99  | 130  | 510        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 130   | U         | 130 | 130  | 990        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 78    | U         | 78  | 130  | 510        | ug/Kg |
| 105-60-2       | Caprolactam                 | 120   | U         | 120 | 250  | 990        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 110   | U         | 110 | 130  | 510        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 57    | U         | 57  | 130  | 510        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 110   | U         | 110 | 130  | 510        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 57    | U         | 57  | 250  | 990        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 150   | U         | 150 | 130  | 510        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 150   | U         | 150 | 130  | 510        | ug/Kg |
| 92-52-4        | 1,1-Biphenyl                | 140   | U         | 140 | 130  | 510        | ug/Kg |
| 91-58-7        | 2-Chloronaphthalene         | 130   | U         | 130 | 130  | 510        | ug/Kg |
| 88-74-4        | 2-Nitroaniline              | 66    | U         | 66  | 130  | 510        | ug/Kg |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/22/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/22/2024 12:00:00 AM |
| Client Sample ID:  | SVOC-GPC-BLANK | SDG No.:        | BN040424              |
| Lab Sample ID:     | P1928-05       | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 10 Units: g    | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL             | Test:           |                       |
| Extraction Type :  | Decanted :     | Level :         | LOW                   |
| Injection Volume : | GPC Factor :   | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BN030618.D        | 1         | 4/1/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159930      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 110   | U         | 110 | 130 | 510        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 78    | U         | 78  | 130 | 510        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 140   | U         | 140 | 130 | 510        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 42    | U         | 42  | 250 | 990        | ug/Kg |
| 83-32-9    | Acenaphthene               | 150   | U         | 150 | 130 | 510        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 96    | U         | 96  | 250 | 990        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 33    | U         | 33  | 250 | 990        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 120   | U         | 120 | 130 | 510        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 39    | U         | 39  | 130 | 510        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 120   | U         | 120 | 130 | 510        | ug/Kg |
| 86-73-7    | Fluorene                   | 170   | U         | 170 | 130 | 510        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 140   | U         | 140 | 130 | 510        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 48    | U         | 48  | 250 | 990        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 120   | U         | 120 | 250 | 990        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 140   | U         | 140 | 130 | 510        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 140   | U         | 140 | 130 | 510        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 300   | U         | 300 | 130 | 510        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 150   | U         | 150 | 130 | 510        | ug/Kg |
| 1912-24-9  | Atrazine                   | 33    | U         | 33  | 250 | 990        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 110   | U         | 110 | 250 | 990        | ug/Kg |
| 85-01-8    | Phenanthrene               | 160   | U         | 160 | 130 | 510        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 110   | U         | 110 | 130 | 510        | ug/Kg |
| 120-12-7   | Anthracene                 | 140   | U         | 140 | 130 | 510        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 17    | U         | 17  | 130 | 510        | ug/Kg |
| 86-74-8    | Carbazole                  | 180   | U         | 180 | 250 | 990        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 170   | U         | 170 | 130 | 510        | ug/Kg |
| 206-44-0   | Fluoranthene               | 140   | U         | 140 | 250 | 510        | ug/Kg |
| 129-00-0   | Pyrene                     | 140   | U         | 140 | 130 | 510        | ug/Kg |
| 85-68-7    | Butylbenzylphthalate       | 130   | U         | 130 | 130 | 510        | ug/Kg |
| 91-94-1    | 3,3-Dichlorobenzidine      | 75    | U         | 75  | 250 | 990        | ug/Kg |
| 56-55-3    | Benzo(a)anthracene         | 120   | U         | 120 | 130 | 510        | ug/Kg |
| 218-01-9   | Chrysene                   | 140   | U         | 140 | 130 | 510        | ug/Kg |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 130   | U         | 130 | 130 | 510        | ug/Kg |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/22/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/22/2024 12:00:00 AM |
| Client Sample ID:  | SVOC-GPC-BLANK | SDG No.:        | BN040424              |
| Lab Sample ID:     | P1928-05       | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 10 Units: g    | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL             | Test:           |                       |
| Extraction Type :  | Decanted :     | Level :         | LOW                   |
| Injection Volume : | GPC Factor :   | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BN030618.D        | 1         | 4/1/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159930      |

| CAS Number                | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 130     | U         | 130    | 250 | 990        | ug/Kg    |
| 205-99-2                  | Benzo(b)fluoranthene          | 140     | U         | 140    | 130 | 510        | ug/Kg    |
| 207-08-9                  | Benzo(k)fluoranthene          | 170     | U         | 170    | 130 | 510        | ug/Kg    |
| 50-32-8                   | Benzo(a)pyrene                | 170     | U         | 170    | 130 | 510        | ug/Kg    |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 140     | U         | 140    | 130 | 510        | ug/Kg    |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 160     | U         | 160    | 130 | 510        | ug/Kg    |
| 191-24-2                  | Benzo(g,h,i)perylene          | 140     | U         | 140    | 130 | 510        | ug/Kg    |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 160     | U         | 160    | 130 | 510        | ug/Kg    |
| <b>SURROGATES</b>         |                               |         |           |        |     |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 0       | U         | 15-120 |     | 0          | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 0.34    | 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         | 10-150 |     | 0          | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 0       | U         | 15-120 |     | 0          | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 0       | U         | 10-140 |     | 0          | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 0       | U         | 10-135 |     | 0          | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 0       | U         | 10-120 |     | 0          | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 0       | U         | 10-140 |     | 0          | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 0       | U         | 1-145  |     | 0          | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 0       | U         | 10-145 |     | 0          | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 0       | U         | 15-120 |     | 0          | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 0       | U         | 10-150 |     | 0          | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 0       | U         | 20-140 |     | 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         | 10-150 |     | 0          | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 0       | U         | 10-130 |     | 0          | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 0       | U         | 10-140 |     | 0          | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |         |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 260682  | 7.693     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 1158897 | 10.475    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 762894  | 14.334    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 1643200 | 17.081    |        |     |            |          |



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

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/22/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/22/2024 12:00:00 AM |
| Client Sample ID:  | SVOC-GPC-BLANK | SDG No.:        | BN040424              |
| Lab Sample ID:     | P1928-05       | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 10 Units: g    | Final Vol:      | 500 uL                |
| Soil Aliquot Vol:  | uL             | Test:           |                       |
| Extraction Type :  | Decanted :     | Level :         | LOW                   |
| Injection Volume : | GPC Factor :   | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BN030618.D        | 1         | 4/1/2024 12:00:00 AM | 4/2/2024 12:00:00 AM | PB159930      |

| CAS Number                            | Parameter     | Conc.   | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|---------------|---------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12  | 1433039 | 21.322    |     |     |            |       |
| 1520-96-3                             | Perylene-d12  | 1368104 | 24.257    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |               |         |           |     |     |            |       |
| E966796                               | Total Alkanes | 140     | U         |     |     | 99         | ug/Kg |

**Hit Summary Sheet  
SW-846**

**SDG No.:** BN040424

**Client:**

| Sample ID                          | Client ID       |       | Parameter                         | Concentration | C               | MDL | RDL | Units |
|------------------------------------|-----------------|-------|-----------------------------------|---------------|-----------------|-----|-----|-------|
| <b>Client ID : PMW-5(20240328)</b> |                 |       |                                   |               |                 |     |     |       |
| P1925-18                           | PMW-5(20240328) | Water | 1,3,5-Triazine-2,4-diamine, 6-phe | *             | 4.900           | J   |     |       |
| P1925-18                           | PMW-5(20240328) | Water | 1H-Indene, 2,3-dihydro-5-methyl-  | *             | 17.000          | J   |     |       |
| P1925-18                           | PMW-5(20240328) | Water | 9,10-Anthracenedione, 1-amino-    | *             | 4.500           | J   |     |       |
| P1925-18                           | PMW-5(20240328) | Water | Benzene, 1,2,3,4-tetrachloro-     | *             | 8.000           | J   |     |       |
| P1925-18                           | PMW-5(20240328) | Water | Benzene, 1,2,3,4-tetramethyl-     | *             | 23.000          | J   |     |       |
| P1925-18                           | PMW-5(20240328) | Water | Benzene, 1,2,3,5-tetrachloro-     | *             | 4.000           | J   |     |       |
| P1925-18                           | PMW-5(20240328) | Water | Benzene, 1,2,3-trichloro-         | *             | 1,500.000       | J   |     |       |
| P1925-18                           | PMW-5(20240328) | Water | Benzene, 1,2,4,5-tetramethyl-     | *             | 36.000          | J   |     |       |
| P1925-18                           | PMW-5(20240328) | Water | Benzene, 1,3,5-trichloro-         | *             | 16.000          | J   |     |       |
| P1925-18                           | PMW-5(20240328) | Water | Benzene, 1,3-dichloro-            | *             | 6.300           | J   |     |       |
| P1925-18                           | PMW-5(20240328) | Water | Benzene, 1-ethyl-3-methyl-        | *             | 3.000           | J   |     |       |
| P1925-18                           | PMW-5(20240328) | Water | Benzene, 2-ethenyl-1,4-dimethyl-  | *             | 41.000          | J   |     |       |
| P1925-18                           | PMW-5(20240328) | Water | Benzene, 2-ethyl-1,4-dimethyl-    | *             | 13.000          | J   |     |       |
| P1925-18                           | PMW-5(20240328) | Water | Capro lactam                      | *             | 5.200           | J   |     |       |
| P1925-18                           | PMW-5(20240328) | Water | Dehydroabietic acid               | *             | 8.500           | J   |     |       |
| P1925-18                           | PMW-5(20240328) | Water | Mesitylene                        | *             | 4.300           | J   |     |       |
| P1925-18                           | PMW-5(20240328) | Water | n-Hexadecanoic acid               | *             | 3.300           | J   |     |       |
| P1925-18                           | PMW-5(20240328) | Water | Naphthalene, 2-methyl-            | *             | 2.900           | J   |     |       |
| P1925-18                           | PMW-5(20240328) | Water | Phenol, 2,3,5-trichloro-          | *             | 3.000           | J   |     |       |
| P1925-18                           | PMW-5(20240328) | Water | Phenol, 2,3,6-trichloro-          | *             | 3.900           | J   |     |       |
| P1925-18                           | PMW-5(20240328) | Water | Phenol, 2,4,5-trichloro-          | *             | 6.300           | J   |     |       |
| P1925-18                           | PMW-5(20240328) | Water | Phenol, 2-(1,1-dimethylethyl)-4-n | *             | 16.000          | J   |     |       |
| P1925-18                           | PMW-5(20240328) | Water | Thiophene, 2-butyl-5-(2-methylpr  | *             | 4.000           | J   |     |       |
| P1925-18                           | PMW-5(20240328) | Water | unknown-01                        | *             | 3.400           | J   |     |       |
| P1925-18                           | PMW-5(20240328) | Water | Total Alkanes                     | *             | 0.000           | 1.9 | 5   | ug/L  |
| <b>Total Tics :</b>                |                 |       |                                   |               | <b>1,737.50</b> |     |     |       |
| <b>Total Concentration:</b>        |                 |       |                                   |               | <b>1,737.50</b> |     |     |       |
| <b>Client ID : SVOC-GPC-BLANK</b>  |                 |       |                                   |               |                 |     |     |       |
| P1928-05                           | SVOC-GPC-BLANK  | Solid | Total Alkanes                     | *             | 0.000           | 140 | 510 | ug/Kg |
| <b>Total Tics :</b>                |                 |       |                                   |               | <b>0.00</b>     |     |     |       |
| <b>Total Concentration:</b>        |                 |       |                                   |               | <b>0.00</b>     |     |     |       |
| <b>Client ID : C0AA2</b>           |                 |       |                                   |               |                 |     |     |       |
| P1934-01                           | C0AA2           | Water | 9,10-Anthracenedione              | *             | 13.000          | J   |     |       |
| P1934-01                           | C0AA2           | Water | Benzene, 1,4-dichloro-            | *             | 39.000          | J   |     |       |
| P1934-01                           | C0AA2           | Water | Heptyl ethylphosphonofluoridate   | *             | 4.700           | J   |     |       |
| P1934-01                           | C0AA2           | Water | N-Nitrosodimethylamine            | *             | 33.000          | J   |     |       |

**Hit Summary Sheet  
SW-846**

**SDG No.:** BN040424

**Client:**

| Sample ID            | Client ID |       | Parameter                   | Concentration | C       | MDL   | RDL | Units |
|----------------------|-----------|-------|-----------------------------|---------------|---------|-------|-----|-------|
| P1934-01             | C0AA2     | Water | Toluene                     | *             | 4.900   | J     |     |       |
| P1934-01             | C0AA2     | Water | unknown-01                  | *             | 2.600   | J     |     |       |
| P1934-01             | C0AA2     | Water | Total Alkanes               | *             | 0.000   | 1.9   | 5   | ug/L  |
| Total Tics :         |           |       |                             | 97.20         |         |       |     |       |
| P1934-01             | C0AA2     | Water | 2,2-oxybis(1-Chloropropane) |               | 140.000 | 1.4   | 10  | ug/L  |
| P1934-01             | C0AA2     | Water | 2-Methylnaphthalene         |               | 62.000  | 1.5   | 5   | ug/L  |
| P1934-01             | C0AA2     | Water | 4-Bromophenyl-phenylether   |               | 25.000  | 2.7   | 5   | ug/L  |
| P1934-01             | C0AA2     | Water | Acenaphthene                |               | 46.000  | 1.9   | 5   | ug/L  |
| P1934-01             | C0AA2     | Water | Acenaphthylene              |               | 22.000  | 1.8   | 5   | ug/L  |
| P1934-01             | C0AA2     | Water | Anthracene                  |               | 25.000  | 1.7   | 5   | ug/L  |
| P1934-01             | C0AA2     | Water | Benzo(a)anthracene          |               | 21.000  | 1.5   | 5   | ug/L  |
| P1934-01             | C0AA2     | Water | Benzo(a)pyrene              |               | 4.100   | J 2   | 5   | ug/L  |
| P1934-01             | C0AA2     | Water | Benzo(b)fluoranthene        |               | 30.000  | 1.6   | 5   | ug/L  |
| P1934-01             | C0AA2     | Water | Benzo(k)fluoranthene        |               | 33.000  | 2.2   | 5   | ug/L  |
| P1934-01             | C0AA2     | Water | Bis(2-Chloroethoxy)methane  |               | 88.000  | E 1.4 | 5   | ug/L  |
| P1934-01             | C0AA2     | Water | Bis(2-Chloroethyl)ether     |               | 120.000 | 1.5   | 10  | ug/L  |
| P1934-01             | C0AA2     | Water | Bis(2-ethylhexyl)phthalate  |               | 100.000 | E 1.5 | 5   | ug/L  |
| P1934-01             | C0AA2     | Water | Butylbenzylphthalate        |               | 97.000  | E 1.5 | 5   | ug/L  |
| P1934-01             | C0AA2     | Water | Di-n-butylphthalate         |               | 110.000 | E 1.7 | 5   | ug/L  |
| P1934-01             | C0AA2     | Water | Di-n-octyl phthalate        |               | 150.000 | 1.3   | 10  | ug/L  |
| P1934-01             | C0AA2     | Water | Dibenzo(a,h)anthracene      |               | 41.000  | 2     | 5   | ug/L  |
| P1934-01             | C0AA2     | Water | Dimethylphthalate           |               | 150.000 | E 1.6 | 5   | ug/L  |
| P1934-01             | C0AA2     | Water | Fluorene                    |               | 50.000  | 2     | 5   | ug/L  |
| P1934-01             | C0AA2     | Water | Hexachlorobenzene           |               | 48.000  | 1.9   | 5   | ug/L  |
| P1934-01             | C0AA2     | Water | Isophorone                  |               | 8.400   | 1.4   | 5   | ug/L  |
| P1934-01             | C0AA2     | Water | Nitrobenzene                |               | 29.000  | 1.3   | 5   | ug/L  |
| P1934-01             | C0AA2     | Water | Phenanthrene                |               | 40.000  | 1.8   | 5   | ug/L  |
| P1934-01             | C0AA2     | Water | Phenol                      |               | 3.600   | J 1.7 | 10  | ug/L  |
| P1934-01             | C0AA2     | Water | Pyrene                      |               | 27.000  | 1.7   | 5   | ug/L  |
| Total Svoc :         |           |       |                             | 1,470.10      |         |       |     |       |
| Total Concentration: |           |       |                             | 1,567.30      |         |       |     |       |
|                      |           |       |                             |               |         |       |     |       |
| Client ID :          | C0AA2DL   |       |                             |               |         |       |     |       |
| P1934-01DL           | C0AA2DL   | Water | Total Alkanes               | *             | 0.000   | D 3.8 | 10  | ug/L  |
| Total Tics :         |           |       |                             | 0.00          |         |       |     |       |
| P1934-01DL           | C0AA2DL   | Water | 2,2-oxybis(1-Chloropropane) |               | 130.000 | D 2.8 | 20  | ug/L  |
| P1934-01DL           | C0AA2DL   | Water | 2-Methylnaphthalene         |               | 59.000  | D 3   | 10  | ug/L  |
| P1934-01DL           | C0AA2DL   | Water | 4-Bromophenyl-phenylether   |               | 23.000  | D 5.4 | 10  | ug/L  |
| P1934-01DL           | C0AA2DL   | Water | Acenaphthene                |               | 44.000  | D 3.8 | 10  | ug/L  |
| P1934-01DL           | C0AA2DL   | Water | Acenaphthylene              |               | 20.000  | D 3.6 | 10  | ug/L  |
| P1934-01DL           | C0AA2DL   | Water | Anthracene                  |               | 23.000  | D 3.4 | 10  | ug/L  |

## Hit Summary Sheet SW-846

SDG No.: BN040424

Client:

| Sample ID            | Client ID |       | Parameter                  | Concentration | C  | MDL | RDL | Units |
|----------------------|-----------|-------|----------------------------|---------------|----|-----|-----|-------|
| P1934-01DL           | C0AA2DL   | Water | Benzo(a)anthracene         | 19.000        | D  | 3   | 10  | ug/L  |
| P1934-01DL           | C0AA2DL   | Water | Benzo(b)fluoranthene       | 26.000        | D  | 3.2 | 10  | ug/L  |
| P1934-01DL           | C0AA2DL   | Water | Benzo(k)fluoranthene       | 31.000        | D  | 4.4 | 10  | ug/L  |
| P1934-01DL           | C0AA2DL   | Water | Bis(2-Chloroethoxy)methane | 82.000        | D  | 2.8 | 10  | ug/L  |
| P1934-01DL           | C0AA2DL   | Water | Bis(2-Chloroethyl)ether    | 110.000       | D  | 3   | 20  | ug/L  |
| P1934-01DL           | C0AA2DL   | Water | Bis(2-ethylhexyl)phthalate | 100.000       | D  | 3   | 10  | ug/L  |
| P1934-01DL           | C0AA2DL   | Water | Butylbenzylphthalate       | 91.000        | D  | 3   | 10  | ug/L  |
| P1934-01DL           | C0AA2DL   | Water | Di-n-butylphthalate        | 110.000       | D  | 3.4 | 10  | ug/L  |
| P1934-01DL           | C0AA2DL   | Water | Di-n-octyl phthalate       | 150.000       | D  | 2.6 | 20  | ug/L  |
| P1934-01DL           | C0AA2DL   | Water | Dibenzo(a,h)anthracene     | 36.000        | D  | 4   | 10  | ug/L  |
| P1934-01DL           | C0AA2DL   | Water | Dimethylphthalate          | 150.000       | D  | 3.2 | 10  | ug/L  |
| P1934-01DL           | C0AA2DL   | Water | Fluorene                   | 48.000        | D  | 4   | 10  | ug/L  |
| P1934-01DL           | C0AA2DL   | Water | Hexachlorobenzene          | 46.000        | D  | 3.8 | 10  | ug/L  |
| P1934-01DL           | C0AA2DL   | Water | Isophorone                 | 7.300         | JD | 2.8 | 10  | ug/L  |
| P1934-01DL           | C0AA2DL   | Water | Nitrobenzene               | 26.000        | D  | 2.6 | 10  | ug/L  |
| P1934-01DL           | C0AA2DL   | Water | Phenanthrene               | 39.000        | D  | 3.6 | 10  | ug/L  |
| P1934-01DL           | C0AA2DL   | Water | Pyrene                     | 25.000        | D  | 3.4 | 10  | ug/L  |
| Total Svoc :         |           |       |                            | 1,395.30      |    |     |     |       |
| Total Concentration: |           |       |                            | 1,395.30      |    |     |     |       |

Client ID : C0R36

|              |       |       |                               |        |        |        |   |      |
|--------------|-------|-------|-------------------------------|--------|--------|--------|---|------|
| P1934-02     | C0R36 | Water | 2-Amino-8-hydroxyquinoline    | *      | 30.000 | J      |   |      |
| P1934-02     | C0R36 | Water | 2-Chloro-6-nitrophenol        | *      | 2.300  | J      |   |      |
| P1934-02     | C0R36 | Water | 4-Chloro-2-nitrophenol        | *      | 2.300  | J      |   |      |
| P1934-02     | C0R36 | Water | Benzene, 1,2,3,5-tetrachloro- | *      | 5.500  | J      |   |      |
| P1934-02     | C0R36 | Water | Benzene, 1-chloro-2-nitro-    | *      | 5.800  | J      |   |      |
| P1934-02     | C0R36 | Water | Benzene, 1-chloro-3-nitro-    | *      | 20.000 | J      |   |      |
| P1934-02     | C0R36 | Water | Benzene, 1-chloro-4-nitro-    | *      | 26.000 | J      |   |      |
| P1934-02     | C0R36 | Water | Hexanoic acid, 4-octyl ester  | *      | 4.200  | J      |   |      |
| P1934-02     | C0R36 | Water | Phenol, 5-chloro-2-nitro-     | *      | 2.200  | J      |   |      |
| P1934-02     | C0R36 | Water | unknown-01                    | *      | 19.000 | J      |   |      |
| P1934-02     | C0R36 | Water | unknown-02                    | *      | 19.000 | J      |   |      |
| P1934-02     | C0R36 | Water | unknown-03                    | *      | 34.000 | J      |   |      |
| P1934-02     | C0R36 | Water | unknown-04                    | *      | 20.000 | J      |   |      |
| P1934-02     | C0R36 | Water | unknown-05                    | *      | 33.000 | J      |   |      |
| P1934-02     | C0R36 | Water | unknown-06                    | *      | 19.000 | J      |   |      |
| P1934-02     | C0R36 | Water | unknown-07                    | *      | 20.000 | J      |   |      |
| P1934-02     | C0R36 | Water | unknown-08                    | *      | 7.500  | J      |   |      |
| P1934-02     | C0R36 | Water | Total Alkanes                 | *      | 0.000  | 1.9    | 5 | ug/L |
| Total Tics : |       |       |                               | 269.80 |        |        |   |      |
| P1934-02     | C0R36 | Water | 1,2,3,4-Tetrachlorobenzene    |        | 4.300  | J 0.75 | 5 | ug/L |

Hit Summary Sheet  
SW-846

SDG No.: BN040424

Client:

| Sample ID            | Client ID |       | Parameter                  | Concentration | C | MDL | RDL | Units |
|----------------------|-----------|-------|----------------------------|---------------|---|-----|-----|-------|
| P1934-02             | C0R36     | Water | 1,2,4,5-Tetrachlorobenzene | 1.800         | J | 1.8 | 5   | ug/L  |
| P1934-02             | C0R36     | Water | 2-Chlorophenol             | 2.200         | J | 1.1 | 5   | ug/L  |
| P1934-02             | C0R36     | Water | 2-Nitrophenol              | 2.400         | J | 1.4 | 5   | ug/L  |
| P1934-02             | C0R36     | Water | Nitrobenzene               | 53.000        |   | 1.3 | 5   | ug/L  |
| Total Svoc :         |           |       |                            | 63.70         |   |     |     |       |
| Total Concentration: |           |       |                            | 333.50        |   |     |     |       |



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 |
| 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.

Form VI SV-1

## 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:                |                     | RRF <sub>FAL1</sub> = BN030517.D |                     |                     | RRF <sub>FAL2</sub> = BN030518.D |                     | RRF <sub>FAL3</sub> = BN030519.D |       |
|                             |                     | RRF <sub>FAL4</sub> = BN030520.D |                     |                     | RRF <sub>FAL5</sub> = BN030521.D |                     | RRF <sub>FAL6</sub> = BN030522.D |       |
| COMPOUND                    | RRF <sub>FAL1</sub> | RRF <sub>FAL2</sub>              | RRF <sub>FAL3</sub> | RRF <sub>FAL4</sub> | RRF <sub>FAL5</sub>              | RRF <sub>FAL6</sub> | 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: CHEMTECHLab Code: CHEM Case No.: BN040424 SAS No.: BN040424 SDG NO.: BN040424EPA Sample No.: SSTD020212Date Analyzed: Apr 2 2024 12:00AMLab File ID: BN030519.DTime Analyzed: 10:23Instrument 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         | 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 SBLK894          | 281321              | 7.69  | 1.23934e            | 10.48  | 808245              | 14.33  |
| 02 C0AA2            | 228292              | 7.69  | 1.00312e            | 10.48  | 658832              | 14.33  |
| 03 C0AA2DL          | 264631              | 7.69  | 1.15877e            | 10.48  | 757590              | 14.33  |
| 04 PMW-5 (20240328) | 230483              | 7.70  | 1.01607e            | 10.53  | 594247              | 14.33  |
| 05 C0R36            | 191490              | 7.69  | 846209              | 10.48  | 537581              | 14.33  |
| 06 SLCS894          | 289936              | 7.69  | 1.28391e            | 10.48  | 841039              | 14.33  |
| 07 SBLK928          | 200324              | 7.69  | 891537              | 10.48  | 599456              | 14.33  |
| 08 SBLK923          | 233024              | 7.69  | 1.02816e            | 10.48  | 671668              | 14.33  |
| 09 SVOC-GPC-BLANK   | 260682              | 7.69  | 1.1589e+            | 10.48  | 762894              | 14.33  |

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.: BN040424 SAS No.: BN040424 SDG NO.: BN040424EPA Sample No.: SSTD020335 Date Analyzed: Apr 2 2024 12:00AMLab File ID: BN030608.D Time Analyzed: 10:23Instrument 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         | 272043              | 7.693 | 1.2083e+00          | 10.48  | 803791              | 14.33  |
| UPPER LIMIT         | 544086              | 8.193 | 2416600             | 10.975 | 1607582             | 14.834 |
| LOWER LIMIT         | 136021.5            | 7.193 | 604150              | 9.975  | 401895.5            | 13.834 |
| EPA SAMPLE NO.      |                     |       |                     |        |                     |        |
| 01 SBLK894          | 281321              | 7.69  | 1.23934e            | 10.48  | 808245              | 14.33  |
| 02 C0AA2            | 228292              | 7.69  | 1.00312e            | 10.48  | 658832              | 14.33  |
| 03 C0AA2DL          | 264631              | 7.69  | 1.15877e            | 10.48  | 757590              | 14.33  |
| 04 PMW-5 (20240328) | 230483              | 7.70  | 1.01607e            | 10.53  | 594247              | 14.33  |
| 05 C0R36            | 191490              | 7.69  | 846209              | 10.48  | 537581              | 14.33  |
| 06 SLCS894          | 289936              | 7.69  | 1.28391e            | 10.48  | 841039              | 14.33  |

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.: BN040424 SAS No.: BN040424 SDG NO.: BN040424

EPA Sample No.: SSTD020336 Date Analyzed: Apr 2 2024 12:00AM

Lab File ID: BN030615.D Time Analyzed: 16:43

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       | 218439              | 7.693 | 980154              | 10.48  | 651899              | 14.33  |
| UPPER LIMIT       | 436878              | 8.193 | 1960308             | 10.975 | 1303798             | 14.834 |
| LOWER LIMIT       | 109219.5            | 7.193 | 490077              | 9.975  | 325949.5            | 13.834 |
| EPA SAMPLE NO.    |                     |       |                     |        |                     |        |
| 01 SBLK928        | 200324              | 7.69  | 891537              | 10.48  | 599456              | 14.33  |
| 02 SBLK923        | 233024              | 7.69  | 1.02816e            | 10.48  | 671668              | 14.33  |
| 03 SVOC-GPC-BLANK | 260682              | 7.69  | 1.1589e+            | 10.48  | 762894              | 14.33  |

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.: BN040424 SAS No.: BN040424 SDG NO.: BN040424

EPA Sample No.: SSTD020212 Date Analyzed: Apr 2 2024 12:00AM

Lab File ID: BN030519.D Time Analyzed: 10:23

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 SBLK894          | 1.69202             | 17.08  | 1.53228e+           | 21.32  | 1.54119e+           | 24.26  |
| 02 C0AA2            | 1.38735             | 17.09  | 1.25953e+           | 21.32  | 1.22994e+           | 24.26  |
| 03 C0AA2DL          | 1.58155             | 17.09  | 1.45491e+           | 21.32  | 1.38537e+           | 24.27  |
| 04 PMW-5 (20240328) | 1.45379             | 17.09  | 1.35223e+           | 21.32  | 1.41061e+           | 24.26  |
| 05 C0R36            | 2.31967             | 17.08  | 2.25877e+           | 21.33  | 2.32385e+           | 24.27  |
| 06 SLCS894          | 1.73934             | 17.09  | 1.53685e+           | 21.33  | 1.51871e+           | 24.27  |
| 07 SBLK928          | 1.26366             | 17.09  | 1.21675e+           | 21.32  | 1.21551e+           | 24.26  |
| 08 SBLK923          | 1.4546e             | 17.08  | 1.33904e+           | 21.32  | 1.36936e+           | 24.26  |
| 09 SVOC-GPC-BLANK   | 1.6432e             | 17.08  | 1.43304e+           | 21.32  | 1.3681e+0           | 24.26  |

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.: BN040424 SAS No.: BN040424 SDG NO.: BN040424

EPA Sample No.: SSTD020335 Date Analyzed: Apr 2 2024 12:00AM

Lab File ID: BN030608.D Time Analyzed: 10:23

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         | 1.65817e+01         | 17.081 | 1.55782e+           | 21.322 | 1.59647e+01         | 24.257 |
| UPPER LIMIT         | 3316340             | 17.581 | 3115640             | 21.822 | 3192940             | 24.757 |
| LOWER LIMIT         | 829085              | 16.581 | 778910              | 20.822 | 798235              | 23.757 |
| EPA SAMPLE NO.      |                     |        |                     |        |                     |        |
| 01 SBLK894          | 1.69202             | 17.08  | 1.53228e+           | 21.32  | 1.54119e+           | 24.26  |
| 02 C0AA2            | 1.38735             | 17.09  | 1.25953e+           | 21.32  | 1.22994e+           | 24.26  |
| 03 C0AA2DL          | 1.58155             | 17.09  | 1.45491e+           | 21.32  | 1.38537e+           | 24.27  |
| 04 PMW-5 (20240328) | 1.45379             | 17.09  | 1.35223e+           | 21.32  | 1.41061e+           | 24.26  |
| 05 C0R36            | 2.31967             | 17.08  | 2.25877e+           | 21.33  | 2.32385e+           | 24.27  |
| 06 SLCS894          | 1.73934             | 17.09  | 1.53685e+           | 21.33  | 1.51871e+           | 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.: BN040424 SAS No.: BN040424 SDG NO.: BN040424

EPA Sample No.: SSTD020336 Date Analyzed: Apr 2 2024 12:00AM

Lab File ID: BN030615.D Time Analyzed: 16:43

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       | 1.37452e+00         | 17.087 | 1.32915e+           | 21.322 | 1.3876e+00          | 24.263 |
| UPPER LIMIT       | 2749040             | 17.587 | 2658300             | 21.822 | 2775200             | 24.763 |
| LOWER LIMIT       | 687260              | 16.587 | 664575              | 20.822 | 693800              | 23.763 |
| EPA SAMPLE NO.    |                     |        |                     |        |                     |        |
| 01 SBLK928        | 1.26366             | 17.09  | 1.21675e+           | 21.32  | 1.21551e+           | 24.26  |
| 02 SBLK923        | 1.4546e             | 17.08  | 1.33904e+           | 21.32  | 1.36936e+           | 24.26  |
| 03 SVOC-GPC-BLANK | 1.6432e             | 17.08  | 1.43304e+           | 21.32  | 1.3681e+0           | 24.26  |

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.: **BN040424**

Client:

Analytical Method: **SFAM\_SVOC**

DataFile:

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                             |       |        |      |     |     |      | Qual | Low    | High |     |
| PB159894BS    | 1,4-Dioxane                 | 16    | 12     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | Benzaldehyde                | 40    | 9.1    | ug/L | 23  |     |      |      | 0      | 0    |     |
|               | Pyridine                    | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Phenol                      | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethyl)ether     | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | 2-Chlorophenol              | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 2-Methylphenol              | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | 2,2-oxybis(1-Chloropropane) | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Acetophenone                | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | 4-Methylphenol              | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | N-Nitroso-di-n-propylamine  | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Hexachloroethane            | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | Nitrobenzene                | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Isophorone                  | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | 2-Nitrophenol               | 40    | 35     | ug/L | 88  |     |      |      | 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    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Naphthalene                 | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | 4-Chloroaniline             | 40    | 24     | ug/L | 60  |     |      |      | 0      | 0    |     |
|               | Hexachlorobutadiene         | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Caprolactam                 | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | 4-Chloro-3-methylphenol     | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | 1-Methylnaphthalene         | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | 2-Methylnaphthalene         | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | Hexachlorocyclopentadiene   | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | 2,4,6-Trichlorophenol       | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | 2,4,5-Trichlorophenol       | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | 1,1'-Biphenyl               | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 2-Chloronaphthalene         | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 2-Nitroaniline              | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | Dimethylphthalate           | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 2,6-Dinitrotoluene          | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | Acenaphthylene              | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 3-Nitroaniline              | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Acenaphthene                | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrophenol           | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | 4-Nitrophenol               | 40    | 32     | ug/L | 80  |     |      |      | 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    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | 4-Chlorophenyl-phenylether  | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | 4-Nitroaniline              | 40    | 39     | ug/L | 98  |     |      |      | 0      | 0    |     |

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

SW-846

SDG No.: **BN040424**

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

Analytical Method: **SFAM\_SVOC**

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |      |     |     |      | Qual | Low    | High |     |
| PB159894BS    | 4,6-Dinitro-2-methylphenol | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | N-Nitrosodiphenylamine     | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 1,2,4,5-Tetrachlorobenzene | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | 4-Bromophenyl-phenylether  | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Hexachlorobenzene          | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Atrazine                   | 40    | 13     | ug/L | 33  |     |      |      | 0      | 0    |     |
|               | Pentachlorophenol          | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | Phenanthrene               | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Pentachlorobenzene         | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Anthracene                 | 40    | 31     | ug/L | 78  |     |      |      | 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    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | Pyrene                     | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Butylbenzylphthalate       | 40    | 37     | ug/L | 93  |     |      |      | 0      | 0    |     |
|               | 3,3'-Dichlorobenzidine     | 40    | 42     | ug/L | 105 |     |      |      | 0      | 0    |     |
|               | Benzo(a)anthracene         | 40    | 31     | ug/L | 78  |     |      |      | 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    | 38     | ug/L | 95  |     |      |      | 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    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | Benzo(g,h,i)perylene       | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 2,3,4,6-Tetrachlorophenol  | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK894

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN040424

SAS No.: BN040424 SDG NO.: BN040424

Lab File ID: BN030609.D

Lab Sample ID: PB159894BL

Instrument ID: BNA\_N

Date Extracted: 03/29/2024

Matrix: (soil/water) Water

Date Analyzed: 04/02/2024

Level: (low/med) LOW

Time Analyzed: 10:23

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 |
|-------------------|------------------|----------------|------------------|
| C0AA2             | P1934-01         | BN030610.D     | 04/02/2024       |
| C0R36             | P1934-02         | BN030613.D     | 04/02/2024       |
| PB159894BS        | PB159894BS       | BN030614.D     | 04/02/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK923

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN040424

SAS No.: BN040424 SDG NO.: BN040424

Lab File ID: BN030617.D

Lab Sample ID: PB159923BL

Instrument ID: BNA\_N

Date Extracted: 04/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/02/2024

Level: (low/med) LOW

Time Analyzed: 17:23

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 |
|-------------------|------------------|----------------|------------------|
|                   |                  |                |                  |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK928

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN040424

SAS No.: BN040424 SDG NO.: BN040424

Lab File ID: BN030616.D

Lab Sample ID: PB159928BL

Instrument ID: BNA\_N

Date Extracted: 04/01/2024

Matrix: (soil/water) Water

Date Analyzed: 04/02/2024

Level: (low/med) LOW

Time Analyzed: 16:43

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-5 (20240328)  | P1925-18         | BN030612.D     | 04/02/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC-BLANK

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN040424

SAS No.: BN040424 SDG NO.: BN040424

Lab File ID: BN030618.D

Lab Sample ID: P1928-05

Instrument ID: BNA\_N

Date Extracted: 04/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/02/2024

Level: (low/med) LOW

Time Analyzed: 18:02

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 |
|-------------------|------------------|----------------|------------------|
| SVOC-GPC-BLANK    | P1928-05         | BN030618.D     | 04/02/2024       |

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

## Surrogate Summary

SW-846

SDG No.: BN040424

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P1934-01      | C0AA2     | BN030610.D | 1,4-Dioxane-d8                | 8              | 7.66            | 96           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 36.99           | 92           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 40.82           | 102          |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 40.02           | 100          |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 42.74           | 107          |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 39.69           | 99           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 43.85           | 110          |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 77.32           | 193          | *    | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 42.56           | 106          |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 10.58           | 26           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 44.94           | 112          |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 43.78           | 109          |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 40.17           | 100          |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 43.85           | 110          |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 35.78           | 89           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 43.71           | 109          |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 45.71           | 114          |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 48.52           | 121          |      | 20         | 130  |
| P1934-01DL    | C0AA2DL   | BN030611.D | 1,4-Dioxane-d8                | 8              | 7.38            | 92           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 32.91           | 82           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 35.91           | 90           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 37.50           | 94           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 38.08           | 95           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 34.78           | 87           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 37.92           | 95           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 45.29           | 113          |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 37.34           | 93           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 8.01            | 20           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 40.42           | 101          |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 39.88           | 100          |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 30.90           | 77           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 41.49           | 104          |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 27.50           | 69           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 41.87           | 105          |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 42.90           | 107          |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 43.16           | 108          |      | 20         | 130  |
| P1934-02      | C0R36     | BN030613.D | 1,4-Dioxane-d8                | 8              | 6.02            | 75           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 10.18           | 25           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 6.56            | 16           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 31.35           | 78           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 26.35           | 66           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 15.26           | 38           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 36.60           | 92           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 39.85           | 100          |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 30.37           | 76           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 14.68           | 37           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 36.67           | 92           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 38.10           | 95           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 15.49           | 39           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 73.59           | 184          | *    | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 39.24           | 98           |      | 10         | 130  |

## Surrogate Summary

SW-846

SDG No.: BN040424

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P1934-02      | C0R36      | BN030613.D | Anthracene-d10                | 40             | 36.39           | 91           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 35.92           | 90           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 40.59           | 101          |      | 20         | 130  |
| PB159894BL    | PB159894BL | BN030609.D | Pyridine-d5                   | 40             | 28.90           | 72           |      | 20         | 120  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 7.73            | 97           |      | 15         | 120  |
|               |            |            | Phenol-d5                     | 40             | 34.58           | 86           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 35.57           | 89           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 37.83           | 95           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 33.29           | 83           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 38.18           | 95           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 41.89           | 105          |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 36.02           | 90           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 18.29           | 46           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 37.50           | 94           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 37.53           | 94           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 33.54           | 84           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 36.50           | 91           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 30.72           | 77           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 38.26           | 96           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 38.57           | 96           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 39.15           | 98           |      | 20         | 130  |
| PB159894BS    | PB159894BS | BN030614.D | 1,4-Dioxane-d8                | 8              | 6.36            | 79           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 35.39           | 88           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 33.27           | 83           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 31.37           | 78           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 34.88           | 87           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 32.18           | 80           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 35.32           | 88           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 39.93           | 100          |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 35.33           | 88           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 24.19           | 60           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 33.39           | 83           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 34.06           | 85           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 35.55           | 89           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 32.65           | 82           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 36.97           | 92           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 33.47           | 84           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 35.01           | 88           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 34.85           | 87           |      | 20         | 130  |



Surrogate Summary  
SW-846

SDG No.: BN040424

Client:

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| PB159923BL    | PB159923BL | BN030617.D | 1,4-Dioxane-d8                | 8              | 6.46            | 81           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 34.08           | 85           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 29.76           | 74           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 29.60           | 74           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 31.75           | 79           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 28.77           | 72           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 32.08           | 80           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 34.80           | 87           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 30.74           | 77           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 26.11           | 65           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 32.10           | 80           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 32.34           | 81           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 28.22           | 71           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 31.98           | 80           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 23.45           | 59           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 31.69           | 79           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 32.33           | 81           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 33.22           | 83           |      | 10         | 140  |

Surrogate Summary  
SW-846

SDG No.: BN040424

Client:

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID                  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|----------------------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                            |            |                               |                |                 |              |      | Low        | High |
| P1925-18      | PMW-5(20240328) BN030612.D |            | Pyridine-d5                   | 40             | 13.99           | 35           |      | 20         | 120  |
|               |                            |            | 1,4-Dioxane-d8                | 8              | 6.89            | 86           |      | 15         | 120  |
|               |                            |            | Phenol-d5                     | 40             | 10.38           | 26           |      | 10         | 130  |
|               |                            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 38.90           | 97           |      | 25         | 120  |
|               |                            |            | 2-Chlorophenol-d4             | 40             | 34.92           | 87           |      | 20         | 130  |
|               |                            |            | 4-Methylphenol-d8             | 40             | 22.08           | 55           |      | 25         | 125  |
|               |                            |            | Nitrobenzene-d5               | 40             | 44.18           | 110          |      | 20         | 125  |
|               |                            |            | 2-Nitrophenol-d4              | 40             | 48.36           | 121          |      | 20         | 130  |
|               |                            |            | 2,4-Dichlorophenol-d3         | 40             | 39.58           | 99           |      | 20         | 120  |
|               |                            |            | 4-Chloroaniline-d4            | 40             | 26.72           | 67           |      | 1          | 146  |
|               |                            |            | Dimethylphthalate-d6          | 40             | 47.21           | 118          |      | 25         | 130  |
|               |                            |            | Acenaphthylene-d8             | 40             | 48.93           | 122          |      | 10         | 130  |
|               |                            |            | 4-Nitrophenol-d4              | 40             | 11.06           | 28           |      | 10         | 150  |
|               |                            |            | Fluorene-d10                  | 40             | 47.01           | 118          |      | 25         | 125  |
|               |                            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 33.94           | 85           |      | 10         | 130  |
|               |                            |            | Anthracene-d10                | 40             | 40.87           | 102          |      | 25         | 130  |
|               |                            |            | Pyrene-d10                    | 40             | 41.03           | 103          |      | 15         | 130  |
|               |                            |            | Benzo(a)pyrene-d12            | 40             | 43.24           | 108          |      | 20         | 130  |
| PB159928BL    | PB159928BL                 | BN030616.D | Pyridine-d5                   | 40             | 22.72           | 57           |      | 20         | 120  |
|               |                            |            | 1,4-Dioxane-d8                | 8              | 6.43            | 80           |      | 15         | 120  |
|               |                            |            | Phenol-d5                     | 40             | 29.22           | 73           |      | 10         | 130  |
|               |                            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 30.38           | 76           |      | 25         | 120  |
|               |                            |            | 2-Chlorophenol-d4             | 40             | 32.95           | 82           |      | 20         | 130  |
|               |                            |            | 4-Methylphenol-d8             | 40             | 26.73           | 67           |      | 25         | 125  |
|               |                            |            | Nitrobenzene-d5               | 40             | 32.87           | 82           |      | 20         | 125  |
|               |                            |            | 2-Nitrophenol-d4              | 40             | 35.00           | 88           |      | 20         | 130  |
|               |                            |            | 2,4-Dichlorophenol-d3         | 40             | 31.24           | 78           |      | 20         | 120  |
|               |                            |            | 4-Chloroaniline-d4            | 40             | 0.08            | 0            | *    | 1          | 146  |
|               |                            |            | Dimethylphthalate-d6          | 40             | 32.08           | 80           |      | 25         | 130  |
|               |                            |            | Acenaphthylene-d8             | 40             | 31.59           | 79           |      | 10         | 130  |
|               |                            |            | 4-Nitrophenol-d4              | 40             | 28.66           | 72           |      | 10         | 150  |
|               |                            |            | Fluorene-d10                  | 40             | 32.43           | 81           |      | 25         | 125  |
|               |                            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 25.01           | 63           |      | 10         | 130  |
|               |                            |            | Anthracene-d10                | 40             | 32.37           | 81           |      | 25         | 130  |
|               |                            |            | Pyrene-d10                    | 40             | 32.04           | 80           |      | 15         | 130  |
|               |                            |            | Benzo(a)pyrene-d12            | 40             | 31.27           | 78           |      | 20         | 130  |



Surrogate Summary  
SW-846

SDG No.: BN040424

Client:

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID               | Datafile | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-------------------------|----------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                         |          |                               |                |                 |              |      | Low        | High |
| P1928-05      | SVOC-GPC-BLANBN030618.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            | *    | 10         | 150  |
|               |                         |          | 2-Chlorophenol-d4             | 40             | 0.00            | 0            | *    | 15         | 120  |
|               |                         |          | 4-Methylphenol-d8             | 40             | 0.00            | 0            | *    | 10         | 140  |
|               |                         |          | Nitrobenzene-d5               | 40             | 0.00            | 0            | *    | 10         | 135  |
|               |                         |          | 2-Nitrophenol-d4              | 40             | 0.00            | 0            | *    | 10         | 120  |
|               |                         |          | 2,4-Dichlorophenol-d3         | 40             | 0.00            | 0            | *    | 10         | 140  |
|               |                         |          | 4-Chloroaniline-d4            | 40             | 0.00            | 0            | *    | 1          | 145  |
|               |                         |          | Dimethylphthalate-d6          | 40             | 0.00            | 0            | *    | 10         | 145  |
|               |                         |          | Acenaphthylene-d8             | 40             | 0.00            | 0            | *    | 15         | 120  |
|               |                         |          | 4-Nitrophenol-d4              | 40             | 0.00            | 0            | *    | 10         | 150  |
|               |                         |          | Fluorene-d10                  | 40             | 0.00            | 0            | *    | 20         | 140  |
|               |                         |          | 4,6-Dinitro-2-methylphenol-d2 | 40             | 0.00            | 0            | *    | 10         | 130  |
|               |                         |          | Anthracene-d10                | 40             | 0.00            | 0            | *    | 10         | 150  |
|               |                         |          | Pyrene-d10                    | 40             | 0.00            | 0            | *    | 10         | 130  |
|               |                         |          | Benzo(a)pyrene-d12            | 40             | 0.00            | 0            | *    | 10         | 140  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN040424

Lab Code: CHEM

SAS No.: BN040424

SDG NO.: BN040424

Lab File ID: BN030607.D

DFTPP Injection Date: 04/02/2024

Instrument ID: BNA\_N

DFTPP Injection Time: 09:04

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 37.3                 |
| 68  | Less than 2.0% of mass 69          | 0.7 ( 1.8 ) 1        |
| 69  | Mass 69 relative abundance         | 38.9                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.4 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 49.6                 |
| 197 | Less than 2.0% of mass 198         | 0.4                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.9                  |
| 275 | 10.0 - 60.0% of mass 198           | 25.9                 |
| 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       | 58.5                 |
| 443 | 15.0 - 24.0% of mass 442           | 12.6 ( 21.5 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| SSTD020335        | SSTDCCC020       | BN030608.D     | 04/02/2024       | 09:43            |
| SBLK894           | PB159894BL       | BN030609.D     | 04/02/2024       | 10:23            |
| C0AA2             | P1934-01         | BN030610.D     | 04/02/2024       | 11:02            |
| C0AA2DL           | P1934-01DL       | BN030611.D     | 04/02/2024       | 11:59            |
| PMW-5 (20240328)  | P1925-18         | BN030612.D     | 04/02/2024       | 13:52            |
| C0R36             | P1934-02         | BN030613.D     | 04/02/2024       | 14:45            |
| SLCS894           | PB159894BS       | BN030614.D     | 04/02/2024       | 15:25            |
| SSTD020336        | SSTDCCC020EC     | BN030615.D     | 04/02/2024       | 16:04            |
| SBLK928           | PB159928BL       | BN030616.D     | 04/02/2024       | 16:43            |
| SBLK923           | PB159923BL       | BN030617.D     | 04/02/2024       | 17:23            |
| SVOC-GPC-BLANK    | P1928-05         | BN030618.D     | 04/02/2024       | 18:02            |