

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BN120624 SAS No.: BN120624 SDG No.: BN120624  
Instrument ID: BNA\_N Calibration Date/Time: 12/5/2024 1:13:12  
Lab File ID: BN035424.D Init. Calib. Date(s): \_\_\_\_\_  
EPA Sample No.: SSTD020353 Init. Calib. Time(s): \_\_\_\_\_  
GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D      | MAX%D |
|-----------------------------|-------|--------|---------|---------|-------|
| 1,4-Dioxane                 | 0.475 | 0.464  | 0.010   | -2.1942 | 40.0  |
| Benzaldehyde                | 0.769 | 0.984  | 0.010   | 28.0507 | 40.0  |
| Pyridine                    | 1.119 | 1.239  | 0.010   | 10.7494 | 40.0  |
| Phenol                      | 1.476 | 1.569  | 0.080   | 6.2989  | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.155 | 1.223  | 0.100   | 5.9077  | 20.0  |
| 2-Chlorophenol              | 1.256 | 1.303  | 0.200   | 3.7078  | 20.0  |
| 2-Methylphenol              | 1.146 | 1.208  | 0.010   | 5.4009  | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 0.913 | 0.961  | 0.010   | 5.2512  | 40.0  |
| Acetophenone                | 1.961 | 2.183  | 0.060   | 11.318  | 20.0  |
| 4-Methylphenol              | 1.273 | 1.393  | 0.010   | 9.4535  | 20.0  |
| N-Nitroso-di-n-propylamine  | 0.932 | 0.989  | 0.050   | 6.122   | 30.0  |
| Hexachloroethane            | 0.537 | 0.530  | 0.100   | -1.1861 | 20.0  |
| Nitrobenzene                | 0.326 | 0.348  | 0.050   | 6.5965  | 25.0  |
| Isophorone                  | 0.654 | 0.681  | 0.050   | 4.0596  | 25.0  |
| 2-Nitrophenol               | 0.170 | 0.184  | 0.050   | 7.9022  | 25.0  |
| 2,4-Dimethylphenol          | 0.342 | 0.355  | 0.050   | 3.8305  | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.398 | 0.411  | 0.050   | 3.146   | 20.0  |
| 2,4-Dichlorophenol          | 0.333 | 0.358  | 0.060   | 7.6015  | 20.0  |
| Naphthalene                 | 1.016 | 1.056  | 0.200   | 3.8832  | 20.0  |
| 4-Chloroaniline             | 0.389 | 0.430  | 0.010   | 10.544  | 40.0  |
| Hexachlorobutadiene         | 0.235 | 0.244  | 0.040   | 3.8892  | 30.0  |
| Caprolactam                 | 0.096 | 0.102  | 0.010   | 6.3635  | 40.0  |
| 4-Chloro-3-methylphenol     | 0.346 | 0.365  | 0.040   | 5.3624  | 25.0  |
| 1-Methylnaphthalene         | 0.776 | 0.821  | 0.100   | 5.8183  | 20.0  |
| 2-Methylnaphthalene         | 0.757 | 0.793  | 0.100   | 4.7671  | 20.0  |
| Hexachlorocyclopentadiene   | 0.296 | 0.305  | 0.010   | 2.9278  | 40.0  |
| 2,4,6-Trichlorophenol       | 0.382 | 0.404  | 0.090   | 5.5681  | 25.0  |
| 2,4,5-Trichlorophenol       | 0.426 | 0.444  | 0.100   | 4.2845  | 25.0  |
| 1,1-Biphenyl                | 1.380 | 1.415  | 0.200   | 2.4925  | 20.0  |
| 2-Chloronaphthalene         | 1.104 | 1.133  | 0.300   | 2.653   | 20.0  |
| 2-Nitroaniline              | 0.217 | 0.234  | 0.050   | 7.642   | 40.0  |
| Dimethylphthalate           | 1.437 | 1.494  | 0.300   | 4.0094  | 20.0  |
| 2,6-Dinitrotoluene          | 0.239 | 0.262  | 0.080   | 9.2557  | 30.0  |
| Acenaphthylene              | 1.681 | 1.733  | 0.400   | 3.1016  | 20.0  |
| 3-Nitroaniline              | 0.248 | 0.265  | 0.010   | 7.0091  | 40.0  |
| Acenaphthene                | 1.210 | 1.245  | 0.200   | 2.8605  | 20.0  |
| 2,4-Dinitrophenol           | 0.167 | 0.158  | 0.010   | -5.5058 | 40.0  |
| 4-Nitrophenol               | 0.223 | 0.236  | 0.010   | 5.7669  | 40.0  |
| Dibenzofuran                | 1.720 | 1.779  | 0.300   | 3.4379  | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BN120624 SAS No.: BN120624 SDG No.: BN120624

Instrument ID: BNA\_N Calibration Date/Time: 12/5/2024 1:13:12

Lab File ID: BN035424.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020353 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D      | MAX%D |
|-------------------------------|-------|--------|---------|---------|-------|
| 2,4-Dinitrotoluene            | 0.380 | 0.417  | 0.070   | 9.6405  | 30.0  |
| Diethylphthalate              | 1.404 | 1.442  | 0.300   | 2.7244  | 20.0  |
| Fluorene                      | 1.386 | 1.399  | 0.200   | 0.9726  | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.708 | 0.717  | 0.100   | 1.2911  | 20.0  |
| 4-Nitroaniline                | 0.241 | 0.282  | 0.010   | 17.2039 | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.114 | 0.121  | 0.010   | 5.4476  | 40.0  |
| N-Nitrosodiphenylamine        | 0.531 | 0.548  | 0.050   | 3.2264  | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.589 | 0.599  | 0.100   | 1.6567  | 20.0  |
| 4-Bromophenyl-phenylether     | 0.202 | 0.212  | 0.070   | 4.7863  | 20.0  |
| Hexachlorobenzene             | 0.240 | 0.251  | 0.050   | 4.4923  | 25.0  |
| Atrazine                      | 0.190 | 0.211  | 0.010   | 10.9864 | 25.0  |
| Pentachlorophenol             | 0.152 | 0.166  | 0.010   | 8.9093  | 40.0  |
| Phenanthrene                  | 1.030 | 1.080  | 0.200   | 4.8862  | 20.0  |
| Pentachlorobenzene            | 0.273 | 0.280  | 0.050   | 2.5631  | 20.0  |
| Anthracene                    | 1.040 | 1.104  | 0.200   | 6.1962  | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.265 | 0.267  | 0.050   | 0.7303  | 20.0  |
| Carbazole                     | 0.865 | 0.991  | 0.050   | 14.5741 | 40.0  |
| Di-n-butylphthalate           | 1.007 | 1.093  | 0.500   | 8.5471  | 25.0  |
| Fluoranthene                  | 1.240 | 1.312  | 0.400   | 5.855   | 25.0  |
| Pyrene                        | 1.330 | 1.405  | 0.400   | 5.6812  | 25.0  |
| Butylbenzylphthalate          | 0.375 | 0.399  | 0.100   | 6.4515  | 40.0  |
| 3,3-Dichlorobenzidine         | 0.357 | 0.381  | 0.010   | 6.823   | 40.0  |
| Benzo (a) anthracene          | 1.343 | 1.390  | 0.300   | 3.4909  | 30.0  |
| Chrysene                      | 1.294 | 1.340  | 0.200   | 3.5605  | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.591 | 0.627  | 0.200   | 6.0866  | 40.0  |
| Di-n-octyl phthalate          | 0.909 | 0.895  | 0.010   | -1.5953 | 40.0  |
| Benzo (b) fluoranthene        | 1.153 | 1.183  | 0.200   | 2.6098  | 25.0  |
| Benzo (k) fluoranthene        | 1.180 | 1.248  | 0.200   | 5.7354  | 25.0  |
| Benzo (a) pyrene              | 1.082 | 1.134  | 0.200   | 4.7971  | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.291 | 1.354  | 0.200   | 4.9475  | 25.0  |
| Dibenzo (a,h) anthracene      | 1.046 | 1.120  | 0.200   | 7.08    | 30.0  |
| Benzo (g,h,i) perylene        | 0.980 | 1.025  | 0.200   | 4.6556  | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.371 | 0.390  | 0.040   | 5.1838  | 20.0  |
| 1,4-Dioxane-d8                | 0.423 | 0.424  | 0.010   | 0.2153  | 25.0  |
| Pyridine-d5                   | 1.116 | 1.199  | 0.010   | 7.4984  | 40.0  |
| Phenol-d5                     | 1.425 | 1.492  | 0.010   | 4.7368  | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 0.795 | 0.856  | 0.050   | 7.6904  | 25.0  |
| 2-Chlorophenol-d4             | 1.207 | 1.239  | 0.200   | 2.614   | 20.0  |
| 4-Methylphenol-d8             | 1.242 | 1.303  | 0.010   | 4.9534  | 20.0  |

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Instrument ID: BNA\_N Calibration Date/Time: 12/5/2024 1:13:12

Lab File ID: BN035424.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020353 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D     | MAX%D |
|-------------------------------|-------|--------|------------|--------|-------|
| Nitrobenzene-d5               | 0.130 | 0.136  | 0.050      | 4.6258 | 20.0  |
| 2-Nitrophenol-d4              | 0.150 | 0.161  | 0.050      | 6.7593 | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.329 | 0.342  | 0.060      | 3.9758 | 20.0  |
| 4-Chloroaniline-d4            | 0.406 | 0.443  | 0.010      | 9.2377 | 40.0  |
| Dimethylphthalate-d6          | 1.436 | 1.493  | 0.300      | 3.9443 | 20.0  |
| Acenaphthylene-d8             | 1.582 | 1.646  | 0.400      | 4.0591 | 20.0  |
| 4-Nitrophenol-d4              | 0.236 | 0.247  | 0.010      | 4.632  | 40.0  |
| Fluorene-d10                  | 1.240 | 1.265  | 0.100      | 2.0361 | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.105 | 0.112  | 0.010      | 5.8224 | 40.0  |
| Anthracene-d10                | 0.882 | 0.945  | 0.300      | 7.0946 | 20.0  |
| Pyrene-d10                    | 1.056 | 1.090  | 0.300      | 3.2244 | 25.0  |
| Benzo(a)pyrene-d12            | 0.968 | 1.021  | 0.010      | 5.3981 | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

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## SEMIVOLATILE CONTINUING CALIBRATION CHECK

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Lab Code: CHEM Case No.: BN120624 SAS No.: BN120624 SDG No.: BN120624  
Instrument ID: BNA\_N Calibration Date/Time: 12/5/2024 1: 23:36  
Lab File ID: BN035439.D Init. Calib. Date(s): \_\_\_\_\_  
EPA Sample No.: SSTD020354 Init. Calib. Time(s): \_\_\_\_\_  
GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                    | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-----------------------------|-------|--------|------------|---------|-------|
| 1,4-Dioxane                 | 0.475 | 0.444  | 0.010      | -6.4721 | 40.0  |
| Benzaldehyde                | 0.769 | 0.997  | 0.010      | 29.6864 | 40.0  |
| Pyridine                    | 1.119 | 1.215  | 0.010      | 8.6358  | 40.0  |
| Phenol                      | 1.476 | 1.580  | 0.080      | 7.094   | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.155 | 1.228  | 0.100      | 6.2787  | 20.0  |
| 2-Chlorophenol              | 1.256 | 1.298  | 0.200      | 3.3184  | 20.0  |
| 2-Methylphenol              | 1.146 | 1.209  | 0.010      | 5.5587  | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 0.913 | 0.985  | 0.010      | 7.8475  | 40.0  |
| Acetophenone                | 1.961 | 2.149  | 0.060      | 9.5805  | 20.0  |
| 4-Methylphenol              | 1.273 | 1.395  | 0.010      | 9.6006  | 20.0  |
| N-Nitroso-di-n-propylamine  | 0.932 | 0.985  | 0.050      | 5.6953  | 30.0  |
| Hexachloroethane            | 0.537 | 0.553  | 0.100      | 2.9602  | 20.0  |
| Nitrobenzene                | 0.326 | 0.354  | 0.050      | 8.4491  | 25.0  |
| Isophorone                  | 0.654 | 0.687  | 0.050      | 4.9774  | 25.0  |
| 2-Nitrophenol               | 0.170 | 0.186  | 0.050      | 9.2321  | 25.0  |
| 2,4-Dimethylphenol          | 0.342 | 0.358  | 0.050      | 4.9493  | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.398 | 0.413  | 0.050      | 3.582   | 20.0  |
| 2,4-Dichlorophenol          | 0.333 | 0.351  | 0.060      | 5.6507  | 20.0  |
| Naphthalene                 | 1.016 | 1.044  | 0.200      | 2.7166  | 20.0  |
| 4-Chloroaniline             | 0.389 | 0.422  | 0.010      | 8.5425  | 40.0  |
| Hexachlorobutadiene         | 0.235 | 0.237  | 0.040      | 1.0179  | 30.0  |
| Caprolactam                 | 0.096 | 0.105  | 0.010      | 9.0763  | 40.0  |
| 4-Chloro-3-methylphenol     | 0.346 | 0.369  | 0.040      | 6.4564  | 25.0  |
| 1-Methylnaphthalene         | 0.776 | 0.806  | 0.100      | 3.9157  | 20.0  |
| 2-Methylnaphthalene         | 0.757 | 0.779  | 0.100      | 2.8684  | 20.0  |
| Hexachlorocyclopentadiene   | 0.296 | 0.337  | 0.010      | 13.6538 | 40.0  |
| 2,4,6-Trichlorophenol       | 0.382 | 0.425  | 0.090      | 11.228  | 25.0  |
| 2,4,5-Trichlorophenol       | 0.426 | 0.468  | 0.100      | 9.9169  | 25.0  |
| 1,1-Biphenyl                | 1.380 | 1.454  | 0.200      | 5.3517  | 20.0  |
| 2-Chloronaphthalene         | 1.104 | 1.181  | 0.300      | 6.9839  | 20.0  |
| 2-Nitroaniline              | 0.217 | 0.267  | 0.050      | 22.8853 | 40.0  |
| Dimethylphthalate           | 1.437 | 1.552  | 0.300      | 8.0258  | 20.0  |
| 2,6-Dinitrotoluene          | 0.239 | 0.289  | 0.080      | 20.5914 | 30.0  |
| Acenaphthylene              | 1.681 | 1.815  | 0.400      | 7.9973  | 20.0  |
| 3-Nitroaniline              | 0.248 | 0.302  | 0.010      | 21.9715 | 40.0  |
| Acenaphthene                | 1.210 | 1.273  | 0.200      | 5.1743  | 20.0  |
| 2,4-Dinitrophenol           | 0.167 | 0.181  | 0.010      | 8.4392  | 40.0  |
| 4-Nitrophenol               | 0.223 | 0.254  | 0.010      | 13.5526 | 40.0  |
| Dibenzofuran                | 1.720 | 1.800  | 0.300      | 4.6145  | 20.0  |

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

Lab Code: CHEM Case No.: BN120624 SAS No.: BN120624 SDG No.: BN120624

Instrument ID: BNA\_N Calibration Date/Time: 12/5/2024 1: 23:36

Lab File ID: BN035439.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020354 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-------------------------------|-------|--------|------------|---------|-------|
| 2,4-Dinitrotoluene            | 0.380 | 0.442  | 0.070      | 16.2852 | 30.0  |
| Diethylphthalate              | 1.404 | 1.479  | 0.300      | 5.3641  | 20.0  |
| Fluorene                      | 1.386 | 1.443  | 0.200      | 4.1125  | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.708 | 0.731  | 0.100      | 3.2664  | 20.0  |
| 4-Nitroaniline                | 0.241 | 0.307  | 0.010      | 27.5333 | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.114 | 0.129  | 0.010      | 12.848  | 40.0  |
| N-Nitrosodiphenylamine        | 0.531 | 0.550  | 0.050      | 3.6063  | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.589 | 0.638  | 0.100      | 8.3007  | 20.0  |
| 4-Bromophenyl-phenylether     | 0.202 | 0.208  | 0.070      | 2.8685  | 20.0  |
| Hexachlorobenzene             | 0.240 | 0.252  | 0.050      | 4.878   | 25.0  |
| Atrazine                      | 0.190 | 0.219  | 0.010      | 15.5606 | 25.0  |
| Pentachlorophenol             | 0.152 | 0.172  | 0.010      | 12.8887 | 40.0  |
| Phenanthrene                  | 1.030 | 1.083  | 0.200      | 5.1914  | 20.0  |
| Pentachlorobenzene            | 0.273 | 0.278  | 0.050      | 1.9969  | 20.0  |
| Anthracene                    | 1.040 | 1.115  | 0.200      | 7.2455  | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.265 | 0.276  | 0.050      | 3.9564  | 20.0  |
| Carbazole                     | 0.865 | 1.006  | 0.050      | 16.2535 | 40.0  |
| Di-n-butylphthalate           | 1.007 | 1.111  | 0.500      | 10.2907 | 25.0  |
| Fluoranthene                  | 1.240 | 1.322  | 0.400      | 6.6023  | 25.0  |
| Pyrene                        | 1.330 | 1.393  | 0.400      | 4.7823  | 25.0  |
| Butylbenzylphthalate          | 0.375 | 0.431  | 0.100      | 14.8919 | 40.0  |
| 3,3-Dichlorobenzidine         | 0.357 | 0.401  | 0.010      | 12.5277 | 40.0  |
| Benzo (a) anthracene          | 1.343 | 1.403  | 0.300      | 4.5043  | 30.0  |
| Chrysene                      | 1.294 | 1.337  | 0.200      | 3.3338  | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.591 | 0.675  | 0.200      | 14.1593 | 40.0  |
| Di-n-octyl phthalate          | 0.909 | 0.967  | 0.010      | 6.3653  | 40.0  |
| Benzo (b) fluoranthene        | 1.153 | 1.221  | 0.200      | 5.9087  | 25.0  |
| Benzo (k) fluoranthene        | 1.180 | 1.236  | 0.200      | 4.693   | 25.0  |
| Benzo (a) pyrene              | 1.082 | 1.141  | 0.200      | 5.441   | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.291 | 1.344  | 0.200      | 4.1023  | 25.0  |
| Dibenzo (a,h) anthracene      | 1.046 | 1.083  | 0.200      | 3.602   | 30.0  |
| Benzo (g,h,i) perylene        | 0.980 | 1.002  | 0.200      | 2.32    | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.371 | 0.391  | 0.040      | 5.3006  | 20.0  |
| 1,4-Dioxane-d8                | 0.423 | 0.422  | 0.010      | -0.316  | 25.0  |
| Pyridine-d5                   | 1.116 | 1.214  | 0.010      | 8.7976  | 40.0  |
| Phenol-d5                     | 1.425 | 1.519  | 0.010      | 6.5899  | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 0.795 | 0.858  | 0.050      | 8.0314  | 25.0  |
| 2-Chlorophenol-d4             | 1.207 | 1.277  | 0.200      | 5.7337  | 20.0  |
| 4-Methylphenol-d8             | 1.242 | 1.331  | 0.010      | 7.1652  | 20.0  |

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Instrument ID: BNA\_N Calibration Date/Time: 12/5/2024 1: 23:36

Lab File ID: BN035439.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020354 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-------------------------------|-------|--------|------------|---------|-------|
| Nitrobenzene-d5               | 0.130 | 0.145  | 0.050      | 11.9715 | 20.0  |
| 2-Nitrophenol-d4              | 0.150 | 0.169  | 0.050      | 12.5127 | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.329 | 0.353  | 0.060      | 7.5     | 20.0  |
| 4-Chloroaniline-d4            | 0.406 | 0.448  | 0.010      | 10.2904 | 40.0  |
| Dimethylphthalate-d6          | 1.436 | 1.556  | 0.300      | 8.3535  | 20.0  |
| Acenaphthylene-d8             | 1.582 | 1.724  | 0.400      | 9.0133  | 20.0  |
| 4-Nitrophenol-d4              | 0.236 | 0.265  | 0.010      | 12.1653 | 40.0  |
| Fluorene-d10                  | 1.240 | 1.300  | 0.100      | 4.8368  | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.105 | 0.120  | 0.010      | 13.6751 | 40.0  |
| Anthracene-d10                | 0.882 | 0.947  | 0.300      | 7.3165  | 20.0  |
| Pyrene-d10                    | 1.056 | 1.104  | 0.300      | 4.5496  | 25.0  |
| Benzo(a)pyrene-d12            | 0.968 | 1.039  | 0.010      | 7.2858  | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | SBLK386                | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165386BL             | 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 |
| BN035425.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

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

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | SBLK386    | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165386BL | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000       | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000                  |
|                    |            | Test:           | uL                    |
| Extraction Type :  |            | Decanted :      | Level :               |
|                    |            |                 | LOW                   |
| Injection Volume : |            | GPC Factor :    | GPC Cleanup :         |
|                    |            |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN035425.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

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

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | SBLK386        | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165386BL     | 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 |
| BN035425.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.3    | U         | 1.3    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 2.2    | U         | 2.2    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.8    | U         | 1.8    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.037  |           | 15-120 |     | 63         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 25.14  |           | 20-120 |     | 63         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 23.7   |           | 10-130 |     | 59         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 25.307 |           | 25-120 |     | 63         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 23.938 |           | 20-130 |     | 60         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 23.716 |           | 25-125 |     | 59         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 25.126 |           | 20-125 |     | 63         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 25.595 |           | 20-130 |     | 64         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 23.216 |           | 20-120 |     | 58         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 26.038 |           | 1-146  |     | 65         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 25.967 |           | 25-130 |     | 65         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 25.036 |           | 10-130 |     | 63         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 21.245 |           | 10-150 |     | 53         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.506 |           | 25-125 |     | 64         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                              |
|--------------------|------------------------|-----------------|------------------------------|
| Client:            |                        | Date Collected: | 12/4/2024 12:00:00 AM        |
| Project:           |                        | Date Received:  | 12/4/2024 12:00:00 AM        |
| Client Sample ID:  | SBLK386                | SDG No.:        | BN120624                     |
| Lab Sample ID:     | PB165386BL             | 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 |
| BN035425.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 20.605 |           | 10-130 |     | 52         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 26.207 |           | 25-130 |     | 66         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 25.361 |           | 15-130 |     | 63         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 25.769 |           | 20-130 |     | 64         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 88876  | 7.298     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 374984 | 10.045    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 293935 | 13.957    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 672331 | 16.727    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 687943 | 20.974    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 785773 | 23.651    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.9    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | SBLK388    | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165388BL | 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 |
| BN035426.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

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

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | SBLK388    | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165388BL | 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 |
| BN035426.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

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

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | SBLK388        | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165388BL     | 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 |
| BN035426.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.3    | U         | 1.3    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 2.2    | U         | 2.2    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.8    | U         | 1.8    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.603  |           | 15-120 |     | 70         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 27.368 |           | 20-120 |     | 68         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 25.647 |           | 10-130 |     | 64         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 28.018 |           | 25-120 |     | 70         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 26.214 |           | 20-130 |     | 66         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 25.9   |           | 25-125 |     | 65         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 27.195 |           | 20-125 |     | 68         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.732 |           | 20-130 |     | 69         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 25.233 |           | 20-120 |     | 63         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 27.896 |           | 1-146  |     | 70         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 27.922 |           | 25-130 |     | 70         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 26.998 |           | 10-130 |     | 67         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 22.428 |           | 10-150 |     | 56         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 26.601 |           | 25-125 |     | 67         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                              |
|--------------------|------------------------|-----------------|------------------------------|
| Client:            |                        | Date Collected: | 12/4/2024 12:00:00 AM        |
| Project:           |                        | Date Received:  | 12/4/2024 12:00:00 AM        |
| Client Sample ID:  | SBLK388                | SDG No.:        | BN120624                     |
| Lab Sample ID:     | PB165388BL             | 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 |
| BN035426.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 20.845 |           | 10-130 |     | 52         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 28.173 |           | 25-130 |     | 70         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 27.829 |           | 15-130 |     | 70         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 27.917 |           | 20-130 |     | 70         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 77892  | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 327935 | 10.046    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 261153 | 13.957    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 596134 | 16.728    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 604358 | 20.98     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 710389 | 23.651    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.9    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/3/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/3/2024 12:00:00 AM |
| Client Sample ID:  | BH437                  | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-01               | 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 |
| BN035427.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

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

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 12/3/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 12/3/2024 12:00:00 AM |
| Client Sample ID:  | BH437     | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-01  | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      | Units:          | mL                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 1000                  |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN035427.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

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

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 12/3/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/3/2024 12:00:00 AM |
| Client Sample ID:  | BH437          | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-01       | 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 |
| BN035427.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.3    | U         | 1.3    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 2.2    | U         | 2.2    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.8    | U         | 1.8    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.755  |           | 15-120 |     | 59         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 6.016  | *         | 20-120 |     | 15         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 7.044  |           | 10-130 |     | 18         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 28.361 |           | 25-120 |     | 71         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 23.825 |           | 20-130 |     | 60         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 17.11  |           | 25-125 |     | 43         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 28.81  |           | 20-125 |     | 72         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 29.439 |           | 20-130 |     | 74         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 27.096 |           | 20-120 |     | 68         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 22.267 |           | 1-146  |     | 56         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 30.584 |           | 25-130 |     | 76         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.69  |           | 10-130 |     | 72         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 5.319  |           | 10-150 |     | 13         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 29.544 |           | 25-125 |     | 74         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/3/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/3/2024 12:00:00 AM |
| Client Sample ID:  | BH437                  | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-01               | 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 |
| BN035427.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 25.891 |           | 10-130 |     | 65         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 32.232 |           | 25-130 |     | 81         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 31.119 |           | 15-130 |     | 78         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 31.979 |           | 20-130 |     | 80         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 90272  | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 378430 | 10.046    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 296921 | 13.957    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 686279 | 16.728    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 715873 | 20.98     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 821428 | 23.657    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.9    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ60                  | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-03               | 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 |
| BN035428.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

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

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ60     | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-03  | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      | Units:          | mL                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 1000                  |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN035428.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

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

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ60          | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-03       | 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 |
| BN035428.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.3    | U         | 1.3    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 2.2    | U         | 2.2    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.8    | U         | 1.8    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.197  |           | 15-120 |     | 52         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 4.269  | *         | 20-120 |     | 11         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 9.012  |           | 10-130 |     | 23         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 28.762 |           | 25-120 |     | 72         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.548 |           | 20-130 |     | 61         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 20.518 |           | 25-125 |     | 51         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 29.723 |           | 20-125 |     | 74         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 31.108 |           | 20-130 |     | 78         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 27.609 |           | 20-120 |     | 69         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 17.401 |           | 1-146  |     | 44         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 30.281 |           | 25-130 |     | 76         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.501 |           | 10-130 |     | 71         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.339  |           | 10-150 |     | 16         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 29.439 |           | 25-125 |     | 74         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ60                  | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-03               | 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 |
| BN035428.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 27.982 |           | 10-130 |     | 70         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 31.113 |           | 25-130 |     | 78         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 30.84  |           | 15-130 |     | 77         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 31.831 |           | 20-130 |     | 80         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 110183 | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 458221 | 10.046    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 349485 | 13.957    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 795580 | 16.728    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 853173 | 20.98     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 956030 | 23.657    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.9    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ61                  | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-04               | 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 |
| BN035429.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

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

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ61                  | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-04               | 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 |
| BN035429.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

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

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ61          | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-04       | 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 |
| BN035429.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.3    | U         | 1.3    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 2.2    | U         | 2.2    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.8    | U         | 1.8    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.123  |           | 15-120 |     | 52         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 4.997  | *         | 20-120 |     | 12         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 8.596  |           | 10-130 |     | 21         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 30.157 |           | 25-120 |     | 75         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 26.56  |           | 20-130 |     | 66         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 20.177 |           | 25-125 |     | 50         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 32.222 |           | 20-125 |     | 81         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 32.629 |           | 20-130 |     | 82         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 29.754 |           | 20-120 |     | 74         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 19.351 |           | 1-146  |     | 48         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 33.822 |           | 25-130 |     | 85         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 30.292 |           | 10-130 |     | 76         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 7.233  |           | 10-150 |     | 18         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 32.082 |           | 25-125 |     | 80         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ61                  | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-04               | 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 |
| BN035429.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 30.658 |           | 10-130 |     | 77         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 33.889 |           | 25-130 |     | 85         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 33.164 |           | 15-130 |     | 83         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 35.085 |           | 20-130 |     | 88         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 110030 | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 455984 | 10.046    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 346509 | 13.957    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 788996 | 16.728    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 841487 | 20.98     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 959736 | 23.657    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.9    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ62      | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-05   | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 970        | 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 |
| BN035430.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.32  | U         | 0.32 | 0.52 | 2.1        | ug/L  |
| 100-52-7       | Benzaldehyde                | 1.4   | U         | 1.4  | 5.2  | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 0.88  | U         | 0.88 | 10.3 | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.8   | U         | 1.8  | 5.2  | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.5   | U         | 1.5  | 5.2  | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.1   | U         | 1.1  | 2.6  | 5.2        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.5   | U         | 1.5  | 5.2  | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 5.2  | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 2.2   | U         | 2.2  | 5.2  | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.6   | U         | 1.6  | 5.2  | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.4   | U         | 1.4  | 2.6  | 5.2        | ug/L  |
| 67-72-1        | Hexachloroethane            | 0.92  | U         | 0.92 | 2.6  | 5.2        | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.3   | U         | 1.3  | 2.6  | 5.2        | ug/L  |
| 78-59-1        | Isophorone                  | 1.4   | U         | 1.4  | 2.6  | 5.2        | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.4   | U         | 1.4  | 2.6  | 5.2        | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.74  | U         | 0.74 | 2.6  | 5.2        | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.4   | U         | 1.4  | 2.6  | 5.2        | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.4   | U         | 1.4  | 2.6  | 5.2        | ug/L  |
| 91-20-3        | Naphthalene                 | 1.5   | U         | 1.5  | 2.6  | 5.2        | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.6  | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.1   | U         | 1.1  | 2.6  | 5.2        | ug/L  |
| 105-60-2       | Caprolactam                 | 1.3   | U         | 1.3  | 5.2  | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.4   | U         | 1.4  | 2.6  | 5.2        | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.6  | 5.2        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.5   | U         | 1.5  | 2.6  | 5.2        | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 1.4   | U         | 1.4  | 5.2  | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 2     | U         | 2    | 2.6  | 5.2        | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.8   | U         | 1.8  | 2.6  | 5.2        | ug/L  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ62      | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-05   | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 970        | 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 |
| BN035430.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 2     | U         | 2    | 2.6 | 5.2        | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.9   | U         | 1.9  | 2.6 | 5.2        | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.2   | U         | 1.2  | 2.6 | 5.2        | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.6   | U         | 1.6  | 2.6 | 5.2        | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.6 | 5.2        | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.9   | U         | 1.9  | 2.6 | 5.2        | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.89  | U         | 0.89 | 5.2 | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 2     | U         | 2    | 2.6 | 5.2        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2     | U         | 2    | 5.2 | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.5   | U         | 1.5  | 5.2 | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.8   | U         | 1.8  | 2.6 | 5.2        | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1     | U         | 1    | 2.6 | 5.2        | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.5   | U         | 1.5  | 2.6 | 5.2        | ug/L  |
| 86-73-7    | Fluorene                   | 2.1   | U         | 2.1  | 2.6 | 5.2        | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 2     | U         | 2    | 2.6 | 5.2        | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 0.62  | U         | 0.62 | 5.2 | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.8   | U         | 1.8  | 5.2 | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.8   | U         | 1.8  | 2.6 | 5.2        | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.9   | U         | 1.9  | 2.6 | 5.2        | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 2.8   | U         | 2.8  | 2.6 | 5.2        | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 2     | U         | 2    | 2.6 | 5.2        | ug/L  |
| 1912-24-9  | Atrazine                   | 1.2   | U         | 1.2  | 5.2 | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 1.8   | U         | 1.8  | 5.2 | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.9   | U         | 1.9  | 2.6 | 5.2        | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.3   | U         | 1.3  | 2.6 | 5.2        | ug/L  |
| 120-12-7   | Anthracene                 | 1.8   | U         | 1.8  | 2.6 | 5.2        | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.77  | U         | 0.77 | 2.6 | 5.2        | ug/L  |
| 86-74-8    | Carbazole                  | 2.1   | U         | 2.1  | 5.2 | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.8   | U         | 1.8  | 2.6 | 5.2        | ug/L  |
| 206-44-0   | Fluoranthene               | 1.8   | U         | 1.8  | 5.2 | 5.2        | ug/L  |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ62     | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-05  | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 970       | Units:          | mL                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 1000                  |
| 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 |
| BN035430.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.8    | U         | 1.8    | 2.6 | 5.2        | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 1.5    | U         | 1.5    | 2.6 | 5.2        | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5.2 | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.5    | U         | 1.5    | 2.6 | 5.2        | ug/L     |
| 218-01-9          | Chrysene                    | 1.8    | U         | 1.8    | 2.6 | 5.2        | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1.5    | U         | 1.5    | 2.6 | 5.2        | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.3    | U         | 1.3    | 5.2 | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.6    | U         | 1.6    | 2.6 | 5.2        | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 2.3    | U         | 2.3    | 2.6 | 5.2        | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 2.1    | U         | 2.1    | 2.6 | 5.2        | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 2      | U         | 2      | 2.6 | 5.2        | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2.1    | U         | 2.1    | 2.6 | 5.2        | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 2      | U         | 2      | 2.6 | 5.2        | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.9    | U         | 1.9    | 2.6 | 5.2        | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.375  |           | 15-120 |     | 55         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 7.126  | *         | 20-120 |     | 18         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 7.532  |           | 10-130 |     | 19         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 27.74  |           | 25-120 |     | 69         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.056 |           | 20-130 |     | 60         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 17.885 |           | 25-125 |     | 45         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 28.537 |           | 20-125 |     | 71         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 29.055 |           | 20-130 |     | 73         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 26.15  |           | 20-120 |     | 65         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 25.894 |           | 1-146  |     | 65         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 31.398 |           | 25-130 |     | 78         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.669 |           | 10-130 |     | 72         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 5.919  |           | 10-150 |     | 15         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 30.369 |           | 25-125 |     | 76         | SPK: -40 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ62      | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-05   | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 970        | 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 |
| BN035430.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 27.156 |           | 10-130 |     | 68         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 33.293 |           | 25-130 |     | 83         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 32.189 |           | 15-130 |     | 80         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 33.107 |           | 20-130 |     | 83         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 89958  | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 376784 | 10.046    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 294545 | 13.957    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 686623 | 16.728    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 700915 | 20.98     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 811607 | 23.651    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 2      | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ63      | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-06   | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 970        | 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 |
| BN035431.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.32  | U         | 0.32 | 0.52 | 2.1        | ug/L  |
| 100-52-7       | Benzaldehyde                | 1.4   | U         | 1.4  | 5.2  | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 0.88  | U         | 0.88 | 10.3 | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.8   | U         | 1.8  | 5.2  | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.5   | U         | 1.5  | 5.2  | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.1   | U         | 1.1  | 2.6  | 5.2        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.5   | U         | 1.5  | 5.2  | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 5.2  | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 2.2   | U         | 2.2  | 5.2  | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.6   | U         | 1.6  | 5.2  | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.4   | U         | 1.4  | 2.6  | 5.2        | ug/L  |
| 67-72-1        | Hexachloroethane            | 0.92  | U         | 0.92 | 2.6  | 5.2        | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.3   | U         | 1.3  | 2.6  | 5.2        | ug/L  |
| 78-59-1        | Isophorone                  | 1.4   | U         | 1.4  | 2.6  | 5.2        | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.4   | U         | 1.4  | 2.6  | 5.2        | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.74  | U         | 0.74 | 2.6  | 5.2        | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.4   | U         | 1.4  | 2.6  | 5.2        | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.4   | U         | 1.4  | 2.6  | 5.2        | ug/L  |
| 91-20-3        | Naphthalene                 | 1.5   | U         | 1.5  | 2.6  | 5.2        | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.6  | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.1   | U         | 1.1  | 2.6  | 5.2        | ug/L  |
| 105-60-2       | Caprolactam                 | 1.3   | U         | 1.3  | 5.2  | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.4   | U         | 1.4  | 2.6  | 5.2        | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.6  | 5.2        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.5   | U         | 1.5  | 2.6  | 5.2        | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 1.4   | U         | 1.4  | 5.2  | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 2     | U         | 2    | 2.6  | 5.2        | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.8   | U         | 1.8  | 2.6  | 5.2        | ug/L  |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ63     | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-06  | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 970       | Units:          | mL                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 1000                  |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN035431.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 2     | U         | 2    | 2.6 | 5.2        | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.9   | U         | 1.9  | 2.6 | 5.2        | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.2   | U         | 1.2  | 2.6 | 5.2        | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.6   | U         | 1.6  | 2.6 | 5.2        | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.6 | 5.2        | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.9   | U         | 1.9  | 2.6 | 5.2        | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.89  | U         | 0.89 | 5.2 | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 2     | U         | 2    | 2.6 | 5.2        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2     | U         | 2    | 5.2 | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.5   | U         | 1.5  | 5.2 | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.8   | U         | 1.8  | 2.6 | 5.2        | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1     | U         | 1    | 2.6 | 5.2        | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.5   | U         | 1.5  | 2.6 | 5.2        | ug/L  |
| 86-73-7    | Fluorene                   | 2.1   | U         | 2.1  | 2.6 | 5.2        | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 2     | U         | 2    | 2.6 | 5.2        | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 0.62  | U         | 0.62 | 5.2 | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.8   | U         | 1.8  | 5.2 | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.8   | U         | 1.8  | 2.6 | 5.2        | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.9   | U         | 1.9  | 2.6 | 5.2        | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 2.8   | U         | 2.8  | 2.6 | 5.2        | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 2     | U         | 2    | 2.6 | 5.2        | ug/L  |
| 1912-24-9  | Atrazine                   | 1.2   | U         | 1.2  | 5.2 | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 1.8   | U         | 1.8  | 5.2 | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.9   | U         | 1.9  | 2.6 | 5.2        | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.3   | U         | 1.3  | 2.6 | 5.2        | ug/L  |
| 120-12-7   | Anthracene                 | 1.8   | U         | 1.8  | 2.6 | 5.2        | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.77  | U         | 0.77 | 2.6 | 5.2        | ug/L  |
| 86-74-8    | Carbazole                  | 2.1   | U         | 2.1  | 5.2 | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.8   | U         | 1.8  | 2.6 | 5.2        | ug/L  |
| 206-44-0   | Fluoranthene               | 1.8   | U         | 1.8  | 5.2 | 5.2        | ug/L  |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ63     | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-06  | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 970       | Units:          | mL                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 1000                  |
| 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 |
| BN035431.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.8    | U         | 1.8    | 2.6 | 5.2        | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 1.5    | U         | 1.5    | 2.6 | 5.2        | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5.2 | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.5    | U         | 1.5    | 2.6 | 5.2        | ug/L     |
| 218-01-9          | Chrysene                    | 1.8    | U         | 1.8    | 2.6 | 5.2        | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1.5    | U         | 1.5    | 2.6 | 5.2        | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.3    | U         | 1.3    | 5.2 | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.6    | U         | 1.6    | 2.6 | 5.2        | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 2.3    | U         | 2.3    | 2.6 | 5.2        | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 2.1    | U         | 2.1    | 2.6 | 5.2        | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 2      | U         | 2      | 2.6 | 5.2        | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2.1    | U         | 2.1    | 2.6 | 5.2        | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 2      | U         | 2      | 2.6 | 5.2        | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.9    | U         | 1.9    | 2.6 | 5.2        | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.307  |           | 15-120 |     | 54         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 1.404  | *         | 20-120 |     | 4          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 7.859  |           | 10-130 |     | 20         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 31.976 |           | 25-120 |     | 80         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 26.986 |           | 20-130 |     | 67         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 19.369 |           | 25-125 |     | 48         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 33.599 |           | 20-125 |     | 84         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 34.254 |           | 20-130 |     | 86         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 30.605 |           | 20-120 |     | 77         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 22.792 |           | 1-146  |     | 57         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 36.1   |           | 25-130 |     | 90         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 32.877 |           | 10-130 |     | 82         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.501  |           | 10-150 |     | 16         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 34.653 |           | 25-125 |     | 87         | SPK: -40 |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ63                 | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-06              | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 970      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 |
| BN035431.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 32.224 |           | 10-130 |     | 81         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 36.15  |           | 25-130 |     | 90         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 35.058 |           | 15-130 |     | 88         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 37.626 |           | 20-130 |     | 94         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 90540  | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 378673 | 10.046    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 289270 | 13.957    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 667534 | 16.722    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 713510 | 20.98     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 814717 | 23.651    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 1000336-66-8                          | 6-Octadecenoic acid           | 2.4    | J         |        |     | 18.857     |          |
| E966796                               | Total Alkanes                 | 2      | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ64                  | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-07               | 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 |
| BN035432.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

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

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ64                  | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-07               | 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 |
| BN035432.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

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

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ64      | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-07   | 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 |
| BN035432.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.3    | U         | 1.3    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 2.2    | U         | 2.2    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.8    | U         | 1.8    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.203  |           | 15-120 |     | 53         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 7.69   | *         | 20-120 |     | 19         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 7.689  |           | 10-130 |     | 19         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 28.008 |           | 25-120 |     | 70         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 23.693 |           | 20-130 |     | 59         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 18.64  |           | 25-125 |     | 47         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 28.729 |           | 20-125 |     | 72         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 29.878 |           | 20-130 |     | 75         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 26.479 |           | 20-120 |     | 66         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 25.292 |           | 1-146  |     | 63         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 30.62  |           | 25-130 |     | 77         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.616 |           | 10-130 |     | 72         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 5.58   |           | 10-150 |     | 14         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 30.248 |           | 25-125 |     | 76         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ64                  | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-07               | 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 |
| BN035432.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 27.628 |           | 10-130 |     | 69         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 33.307 |           | 25-130 |     | 83         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 32.557 |           | 15-130 |     | 81         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 34.345 |           | 20-130 |     | 86         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 89170  | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 379626 | 10.046    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 299836 | 13.957    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 688896 | 16.728    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 703696 | 20.974    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 796915 | 23.651    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.9    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ65      | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-08   | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 960        | 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 |
| BN035433.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.32  | U         | 0.32 | 0.52 | 2.1        | ug/L  |
| 100-52-7       | Benzaldehyde                | 1.5   | U         | 1.5  | 5.2  | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 0.89  | U         | 0.89 | 10.4 | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.8   | U         | 1.8  | 5.2  | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.6   | U         | 1.6  | 5.2  | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.1   | U         | 1.1  | 2.6  | 5.2        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.6   | U         | 1.6  | 5.2  | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.5   | U         | 1.5  | 5.2  | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 2.2   | U         | 2.2  | 5.2  | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.7   | U         | 1.7  | 5.2  | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.6  | 5.2        | ug/L  |
| 67-72-1        | Hexachloroethane            | 0.93  | U         | 0.93 | 2.6  | 5.2        | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.4   | U         | 1.4  | 2.6  | 5.2        | ug/L  |
| 78-59-1        | Isophorone                  | 1.5   | U         | 1.5  | 2.6  | 5.2        | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.5   | U         | 1.5  | 2.6  | 5.2        | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.75  | U         | 0.75 | 2.6  | 5.2        | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.5   | U         | 1.5  | 2.6  | 5.2        | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.5   | U         | 1.5  | 2.6  | 5.2        | ug/L  |
| 91-20-3        | Naphthalene                 | 1.6   | U         | 1.6  | 2.6  | 5.2        | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.6  | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.1   | U         | 1.1  | 2.6  | 5.2        | ug/L  |
| 105-60-2       | Caprolactam                 | 1.4   | U         | 1.4  | 5.2  | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.5   | U         | 1.5  | 2.6  | 5.2        | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.6  | 5.2        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.6  | 5.2        | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 1.5   | U         | 1.5  | 5.2  | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 2     | U         | 2    | 2.6  | 5.2        | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.8   | U         | 1.8  | 2.6  | 5.2        | ug/L  |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ65     | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-08  | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 960       | Units:          | mL                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 1000                  |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN035433.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 2     | U         | 2    | 2.6 | 5.2        | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.9   | U         | 1.9  | 2.6 | 5.2        | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.3   | U         | 1.3  | 2.6 | 5.2        | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.7   | U         | 1.7  | 2.6 | 5.2        | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.4   | U         | 1.4  | 2.6 | 5.2        | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.9   | U         | 1.9  | 2.6 | 5.2        | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.9   | U         | 0.9  | 5.2 | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 2     | U         | 2    | 2.6 | 5.2        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2     | U         | 2    | 5.2 | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.6   | U         | 1.6  | 5.2 | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.8   | U         | 1.8  | 2.6 | 5.2        | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1     | U         | 1    | 2.6 | 5.2        | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.6   | U         | 1.6  | 2.6 | 5.2        | ug/L  |
| 86-73-7    | Fluorene                   | 2.1   | U         | 2.1  | 2.6 | 5.2        | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 2     | U         | 2    | 2.6 | 5.2        | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 0.63  | U         | 0.63 | 5.2 | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.8   | U         | 1.8  | 5.2 | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.8   | U         | 1.8  | 2.6 | 5.2        | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.9   | U         | 1.9  | 2.6 | 5.2        | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 2.8   | U         | 2.8  | 2.6 | 5.2        | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 2     | U         | 2    | 2.6 | 5.2        | ug/L  |
| 1912-24-9  | Atrazine                   | 1.3   | U         | 1.3  | 5.2 | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 1.8   | U         | 1.8  | 5.2 | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.9   | U         | 1.9  | 2.6 | 5.2        | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.4   | U         | 1.4  | 2.6 | 5.2        | ug/L  |
| 120-12-7   | Anthracene                 | 1.8   | U         | 1.8  | 2.6 | 5.2        | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.78  | U         | 0.78 | 2.6 | 5.2        | ug/L  |
| 86-74-8    | Carbazole                  | 2.1   | U         | 2.1  | 5.2 | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.8   | U         | 1.8  | 2.6 | 5.2        | ug/L  |
| 206-44-0   | Fluoranthene               | 1.8   | U         | 1.8  | 5.2 | 5.2        | ug/L  |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ65     | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-08  | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 960       | Units:          | mL                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 1000                  |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN035433.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.8    | U         | 1.8    | 2.6 | 5.2        | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 1.6    | U         | 1.6    | 2.6 | 5.2        | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.5    | U         | 1.5    | 5.2 | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.6    | U         | 1.6    | 2.6 | 5.2        | ug/L     |
| 218-01-9          | Chrysene                    | 1.8    | U         | 1.8    | 2.6 | 5.2        | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1.6    | U         | 1.6    | 2.6 | 5.2        | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.4    | U         | 1.4    | 5.2 | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.7    | U         | 1.7    | 2.6 | 5.2        | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 2.3    | U         | 2.3    | 2.6 | 5.2        | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 2.1    | U         | 2.1    | 2.6 | 5.2        | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 2      | U         | 2      | 2.6 | 5.2        | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2.1    | U         | 2.1    | 2.6 | 5.2        | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 2      | U         | 2      | 2.6 | 5.2        | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.9    | U         | 1.9    | 2.6 | 5.2        | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.921  |           | 15-120 |     | 62         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 8.085  |           | 20-120 |     | 20         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 8.313  |           | 10-130 |     | 21         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 29.337 |           | 25-120 |     | 73         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 25.376 |           | 20-130 |     | 63         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 19.142 |           | 25-125 |     | 48         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 29.693 |           | 20-125 |     | 74         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 31.04  |           | 20-130 |     | 78         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 27.437 |           | 20-120 |     | 69         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 26.16  |           | 1-146  |     | 65         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 32.635 |           | 25-130 |     | 82         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 30.446 |           | 10-130 |     | 76         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.534  |           | 10-150 |     | 16         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 32.293 |           | 25-125 |     | 81         | SPK: -40 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ65      | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-08   | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 960        | 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 |
| BN035433.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 27.987 |           | 10-130 |     | 70         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 34.225 |           | 25-130 |     | 86         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 32.836 |           | 15-130 |     | 82         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 33.985 |           | 20-130 |     | 85         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 86891  | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 374288 | 10.046    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 286932 | 13.957    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 661978 | 16.728    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 681859 | 20.98     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 767750 | 23.651    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 2      | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ66      | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-09   | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 960        | 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 |
| BN035434.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.32  | U         | 0.32 | 0.52 | 2.1        | ug/L  |
| 100-52-7       | Benzaldehyde                | 1.5   | U         | 1.5  | 5.2  | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 0.89  | U         | 0.89 | 10.4 | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.8   | U         | 1.8  | 5.2  | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.6   | U         | 1.6  | 5.2  | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.1   | U         | 1.1  | 2.6  | 5.2        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.6   | U         | 1.6  | 5.2  | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.5   | U         | 1.5  | 5.2  | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 2.2   | U         | 2.2  | 5.2  | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.7   | U         | 1.7  | 5.2  | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.6  | 5.2        | ug/L  |
| 67-72-1        | Hexachloroethane            | 0.93  | U         | 0.93 | 2.6  | 5.2        | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.4   | U         | 1.4  | 2.6  | 5.2        | ug/L  |
| 78-59-1        | Isophorone                  | 1.5   | U         | 1.5  | 2.6  | 5.2        | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.5   | U         | 1.5  | 2.6  | 5.2        | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.75  | U         | 0.75 | 2.6  | 5.2        | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.5   | U         | 1.5  | 2.6  | 5.2        | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.5   | U         | 1.5  | 2.6  | 5.2        | ug/L  |
| 91-20-3        | Naphthalene                 | 1.6   | U         | 1.6  | 2.6  | 5.2        | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.6  | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.1   | U         | 1.1  | 2.6  | 5.2        | ug/L  |
| 105-60-2       | Caprolactam                 | 1.4   | U         | 1.4  | 5.2  | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.5   | U         | 1.5  | 2.6  | 5.2        | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.6  | 5.2        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.6  | 5.2        | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 1.5   | U         | 1.5  | 5.2  | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 2     | U         | 2    | 2.6  | 5.2        | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.8   | U         | 1.8  | 2.6  | 5.2        | ug/L  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ66      | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-09   | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 960        | 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 |
| BN035434.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 2     | U         | 2    | 2.6 | 5.2        | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.9   | U         | 1.9  | 2.6 | 5.2        | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.3   | U         | 1.3  | 2.6 | 5.2        | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.7   | U         | 1.7  | 2.6 | 5.2        | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.4   | U         | 1.4  | 2.6 | 5.2        | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.9   | U         | 1.9  | 2.6 | 5.2        | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.9   | U         | 0.9  | 5.2 | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 2     | U         | 2    | 2.6 | 5.2        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2     | U         | 2    | 5.2 | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.6   | U         | 1.6  | 5.2 | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.8   | U         | 1.8  | 2.6 | 5.2        | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1     | U         | 1    | 2.6 | 5.2        | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.6   | U         | 1.6  | 2.6 | 5.2        | ug/L  |
| 86-73-7    | Fluorene                   | 2.1   | U         | 2.1  | 2.6 | 5.2        | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 2     | U         | 2    | 2.6 | 5.2        | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 0.63  | U         | 0.63 | 5.2 | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.8   | U         | 1.8  | 5.2 | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.8   | U         | 1.8  | 2.6 | 5.2        | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.9   | U         | 1.9  | 2.6 | 5.2        | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 2.8   | U         | 2.8  | 2.6 | 5.2        | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 2     | U         | 2    | 2.6 | 5.2        | ug/L  |
| 1912-24-9  | Atrazine                   | 1.3   | U         | 1.3  | 5.2 | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 1.8   | U         | 1.8  | 5.2 | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.9   | U         | 1.9  | 2.6 | 5.2        | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.4   | U         | 1.4  | 2.6 | 5.2        | ug/L  |
| 120-12-7   | Anthracene                 | 1.8   | U         | 1.8  | 2.6 | 5.2        | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.78  | U         | 0.78 | 2.6 | 5.2        | ug/L  |
| 86-74-8    | Carbazole                  | 2.1   | U         | 2.1  | 5.2 | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.8   | U         | 1.8  | 2.6 | 5.2        | ug/L  |
| 206-44-0   | Fluoranthene               | 1.8   | U         | 1.8  | 5.2 | 5.2        | ug/L  |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ66     | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-09  | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 960       | Units:          | mL                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 1000                  |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN035434.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.8    | U         | 1.8    | 2.6 | 5.2        | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 1.6    | U         | 1.6    | 2.6 | 5.2        | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.5    | U         | 1.5    | 5.2 | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.6    | U         | 1.6    | 2.6 | 5.2        | ug/L     |
| 218-01-9          | Chrysene                    | 1.8    | U         | 1.8    | 2.6 | 5.2        | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1.6    | U         | 1.6    | 2.6 | 5.2        | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.4    | U         | 1.4    | 5.2 | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.7    | U         | 1.7    | 2.6 | 5.2        | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 2.3    | U         | 2.3    | 2.6 | 5.2        | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 2.1    | U         | 2.1    | 2.6 | 5.2        | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 2      | U         | 2      | 2.6 | 5.2        | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2.1    | U         | 2.1    | 2.6 | 5.2        | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 2      | U         | 2      | 2.6 | 5.2        | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.9    | U         | 1.9    | 2.6 | 5.2        | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.257  |           | 15-120 |     | 53         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 5.17   | *         | 20-120 |     | 13         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 11.006 |           | 10-130 |     | 28         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 28.581 |           | 25-120 |     | 71         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 25.414 |           | 20-130 |     | 64         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 21.938 |           | 25-125 |     | 55         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 29.337 |           | 20-125 |     | 73         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 30.492 |           | 20-130 |     | 76         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 26.915 |           | 20-120 |     | 67         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 17.017 |           | 1-146  |     | 43         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 31.714 |           | 25-130 |     | 79         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.903 |           | 10-130 |     | 72         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.308  |           | 10-150 |     | 16         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 30.274 |           | 25-125 |     | 76         | SPK: -40 |

## Report of Analysis

|                    |               |                 |                       |
|--------------------|---------------|-----------------|-----------------------|
| Client:            |               | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |               | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ66         | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-09      | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC     | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 960 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 |
| BN035434.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 27.402 |           | 10-130 |     | 69         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 32.241 |           | 25-130 |     | 81         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 31.28  |           | 15-130 |     | 78         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 32.369 |           | 20-130 |     | 81         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 95893  | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 407268 | 10.046    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 306467 | 13.957    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 713390 | 16.728    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 741848 | 20.98     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 829858 | 23.651    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 000112-79-8                           | 9-Octadecenoic acid, (E)-     | 2.2    | J         |        |     | 18.857     |          |
| E966796                               | Total Alkanes                 | 2      | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                       |                 |                         |
|--------------------|-----------------------|-----------------|-------------------------|
| Client:            |                       | Date Collected: | 12/2/2024 12:00:00 AM   |
| Project:           |                       | Date Received:  | 12/2/2024 12:00:00 AM   |
| Client Sample ID:  | BHJ67                 | SDG No.:        | BN120624                |
| Lab Sample ID:     | P5104-10              | Matrix:         | Water                   |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 100                     |
| Sample Wt/Vol:     | 970      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 |
| BN035435.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.32  | U         | 0.32 | 0.52 | 2.1        | ug/L  |
| 100-52-7       | Benzaldehyde                | 1.4   | U         | 1.4  | 5.2  | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 0.88  | U         | 0.88 | 10.3 | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.8   | U         | 1.8  | 5.2  | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.5   | U         | 1.5  | 5.2  | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.1   | U         | 1.1  | 2.6  | 5.2        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.5   | U         | 1.5  | 5.2  | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 5.2  | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 2.2   | U         | 2.2  | 5.2  | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.6   | U         | 1.6  | 5.2  | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.4   | U         | 1.4  | 2.6  | 5.2        | ug/L  |
| 67-72-1        | Hexachloroethane            | 0.92  | U         | 0.92 | 2.6  | 5.2        | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.3   | U         | 1.3  | 2.6  | 5.2        | ug/L  |
| 78-59-1        | Isophorone                  | 1.4   | U         | 1.4  | 2.6  | 5.2        | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.4   | U         | 1.4  | 2.6  | 5.2        | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.74  | U         | 0.74 | 2.6  | 5.2        | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.4   | U         | 1.4  | 2.6  | 5.2        | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.4   | U         | 1.4  | 2.6  | 5.2        | ug/L  |
| 91-20-3        | Naphthalene                 | 1.5   | U         | 1.5  | 2.6  | 5.2        | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.6  | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.1   | U         | 1.1  | 2.6  | 5.2        | ug/L  |
| 105-60-2       | Caprolactam                 | 1.3   | U         | 1.3  | 5.2  | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.4   | U         | 1.4  | 2.6  | 5.2        | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.6  | 5.2        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.5   | U         | 1.5  | 2.6  | 5.2        | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 1.4   | U         | 1.4  | 5.2  | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 2     | U         | 2    | 2.6  | 5.2        | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.8   | U         | 1.8  | 2.6  | 5.2        | ug/L  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ67      | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-10   | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 970        | 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 |
| BN035435.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 2     | U         | 2    | 2.6 | 5.2        | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.9   | U         | 1.9  | 2.6 | 5.2        | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.2   | U         | 1.2  | 2.6 | 5.2        | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.6   | U         | 1.6  | 2.6 | 5.2        | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.6 | 5.2        | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.9   | U         | 1.9  | 2.6 | 5.2        | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.89  | U         | 0.89 | 5.2 | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 2     | U         | 2    | 2.6 | 5.2        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2     | U         | 2    | 5.2 | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.5   | U         | 1.5  | 5.2 | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.8   | U         | 1.8  | 2.6 | 5.2        | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1     | U         | 1    | 2.6 | 5.2        | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.5   | U         | 1.5  | 2.6 | 5.2        | ug/L  |
| 86-73-7    | Fluorene                   | 2.1   | U         | 2.1  | 2.6 | 5.2        | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 2     | U         | 2    | 2.6 | 5.2        | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 0.62  | U         | 0.62 | 5.2 | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.8   | U         | 1.8  | 5.2 | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.8   | U         | 1.8  | 2.6 | 5.2        | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.9   | U         | 1.9  | 2.6 | 5.2        | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 2.8   | U         | 2.8  | 2.6 | 5.2        | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 2     | U         | 2    | 2.6 | 5.2        | ug/L  |
| 1912-24-9  | Atrazine                   | 1.2   | U         | 1.2  | 5.2 | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 1.8   | U         | 1.8  | 5.2 | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.9   | U         | 1.9  | 2.6 | 5.2        | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.3   | U         | 1.3  | 2.6 | 5.2        | ug/L  |
| 120-12-7   | Anthracene                 | 1.8   | U         | 1.8  | 2.6 | 5.2        | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.77  | U         | 0.77 | 2.6 | 5.2        | ug/L  |
| 86-74-8    | Carbazole                  | 2.1   | U         | 2.1  | 5.2 | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.8   | U         | 1.8  | 2.6 | 5.2        | ug/L  |
| 206-44-0   | Fluoranthene               | 1.8   | U         | 1.8  | 5.2 | 5.2        | ug/L  |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ67                 | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-10              | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 970      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 |
| BN035435.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.8    | U         | 1.8    | 2.6 | 5.2        | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 1.5    | U         | 1.5    | 2.6 | 5.2        | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5.2 | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.5    | U         | 1.5    | 2.6 | 5.2        | ug/L     |
| 218-01-9          | Chrysene                    | 1.8    | U         | 1.8    | 2.6 | 5.2        | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1.5    | U         | 1.5    | 2.6 | 5.2        | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.3    | U         | 1.3    | 5.2 | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.6    | U         | 1.6    | 2.6 | 5.2        | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 2.3    | U         | 2.3    | 2.6 | 5.2        | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 2.1    | U         | 2.1    | 2.6 | 5.2        | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 2      | U         | 2      | 2.6 | 5.2        | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2.1    | U         | 2.1    | 2.6 | 5.2        | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 2      | U         | 2      | 2.6 | 5.2        | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.9    | U         | 1.9    | 2.6 | 5.2        | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.97   |           | 15-120 |     | 50         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 4.173  | *         | 20-120 |     | 10         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 6.435  |           | 10-130 |     | 16         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 25.656 |           | 25-120 |     | 64         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 21.811 |           | 20-130 |     | 55         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 15.137 |           | 25-125 |     | 38         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 26.567 |           | 20-125 |     | 66         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.179 |           | 20-130 |     | 68         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 24.753 |           | 20-120 |     | 62         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 10.373 |           | 1-146  |     | 26         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 28.043 |           | 25-130 |     | 70         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 25.939 |           | 10-130 |     | 65         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 5.366  |           | 10-150 |     | 13         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 27.235 |           | 25-125 |     | 68         | SPK: -40 |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ67                 | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-10              | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 970      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 |
| BN035435.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 24.339 |           | 10-130 |     | 61         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 29.258 |           | 25-130 |     | 73         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 28.935 |           | 15-130 |     | 72         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 29.647 |           | 20-130 |     | 74         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 97357  | 7.298     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 409011 | 10.045    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 323008 | 13.957    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 747365 | 16.727    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 762687 | 20.974    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 876789 | 23.65     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 000112-79-8                           | 9-Octadecenoic acid, (E)-     | 2.9    | J         |        |     | 18.857     |          |
| E966796                               | Total Alkanes                 | 2      | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ68                  | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-11               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN035436.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

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

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ68                  | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-11               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN035436.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

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

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ68     | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-11  | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      | Units:          | mL                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 1000                  |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN035436.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.3    | U         | 1.3    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 2.2    | U         | 2.2    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.8    | U         | 1.8    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.641  |           | 15-120 |     | 58         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 6.583  | *         | 20-120 |     | 16         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 8.116  |           | 10-130 |     | 20         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 32.344 |           | 25-120 |     | 81         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 28.169 |           | 20-130 |     | 70         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 19.467 |           | 25-125 |     | 49         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 33.174 |           | 20-125 |     | 83         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 34.141 |           | 20-130 |     | 85         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 30.479 |           | 20-120 |     | 76         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 25.904 |           | 1-146  |     | 65         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 34.956 |           | 25-130 |     | 87         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 32.851 |           | 10-130 |     | 82         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.665  |           | 10-150 |     | 17         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 33.573 |           | 25-125 |     | 84         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ68                  | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-11               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN035436.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 31.181 |           | 10-130 |     | 78         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 35.801 |           | 25-130 |     | 90         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 34.152 |           | 15-130 |     | 85         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 36.655 |           | 20-130 |     | 92         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 86661  | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 375133 | 10.046    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 293441 | 13.957    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 655571 | 16.722    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 699129 | 20.974    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 770266 | 23.651    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 000112-79-8                           | 9-Octadecenoic acid, (E)-     | 4.2    | J         |        |     | 18.857     |          |
| E966796                               | Total Alkanes                 | 1.9    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | SLCS388        | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165388BS     | 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 |
| BN035437.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 9.2   |           | 0.31 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 7.3   | J         | 1.4  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 27    |           | 0.85 | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 28    |           | 1.7  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 27    |           | 1.5  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 27    |           | 1.1  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 28    |           | 1.5  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 26    |           | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 27    |           | 2.1  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 28    |           | 1.6  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 26    |           | 1.4  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 26    |           | 0.89 | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 27    |           | 1.3  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 26    |           | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 28    |           | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 26    |           | 0.72 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 26    |           | 1.4  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 27    |           | 1.4  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 25    |           | 1.5  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 11    |           | 1.7  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 26    |           | 1.1  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 28    |           | 1.3  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 28    |           | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 25    |           | 0.97 | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 26    |           | 1.5  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 25    |           | 1.4  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 26    |           | 1.9  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 27    |           | 1.7  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | SLCS388                | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165388BS             | 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 |
| BN035437.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 25    |           | 1.9  | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 25    |           | 1.8  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 30    |           | 1.2  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 27    |           | 1.6  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 31    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 26    |           | 1.8  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 21    |           | 0.86 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 26    |           | 1.9  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 29    |           | 1.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 28    |           | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 25    |           | 1.7  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 29    |           | 0.97 | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 26    |           | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 25    |           | 2    | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 25    |           | 1.9  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 30    |           | 0.6  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 29    |           | 1.7  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 27    |           | 1.7  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 25    |           | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 26    |           | 2.7  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 26    |           | 1.9  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 27    |           | 1.7  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 26    |           | 1.8  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 27    |           | 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 | 26    |           | 0.75 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 28    |           | 2    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 28    |           | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 26    |           | 1.7  | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | SLCS388                | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165388BS             | 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 |
| BN035437.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 27     |           | 1.7    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 29     |           | 1.5    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 15     |           | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 25     |           | 1.5    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 26     |           | 1.7    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 29     |           | 1.5    | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 29     |           | 1.3    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 27     |           | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 27     |           | 2.2    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 27     |           | 2      | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 27     |           | 1.9    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 27     |           | 2      | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 27     |           | 1.9    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 25     |           | 1.8    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.083  |           | 15-120 |     | 64         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 26.807 |           | 20-120 |     | 67         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 28.147 |           | 10-130 |     | 70         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 27.396 |           | 25-120 |     | 68         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 27.325 |           | 20-130 |     | 68         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 28.36  |           | 25-125 |     | 71         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 27.861 |           | 20-125 |     | 70         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 28.756 |           | 20-130 |     | 72         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.231 |           | 20-120 |     | 71         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 22.529 |           | 1-146  |     | 56         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 27.225 |           | 25-130 |     | 68         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 26.591 |           | 10-130 |     | 66         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 28.966 |           | 10-150 |     | 72         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.944 |           | 25-125 |     | 65         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | SLCS388                | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165388BS             | 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 |
| BN035437.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165388      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 29.662 |           | 10-130 |     | 74         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 26.716 |           | 25-130 |     | 67         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 26.854 |           | 15-130 |     | 67         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 27.695 |           | 20-130 |     | 69         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 99133  | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 434826 | 10.046    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 340499 | 13.963    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 751324 | 16.728    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 760794 | 20.98     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 890261 | 23.651    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.9    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | SLCS386        | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165386BS     | 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 |
| BN035438.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 8.8   |           | 0.31 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 5.8   | J         | 1.4  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 26    |           | 0.85 | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 27    |           | 1.7  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 26    |           | 1.5  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 26    |           | 1.1  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 27    |           | 1.5  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 26    |           | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 26    |           | 2.1  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 28    |           | 1.6  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 26    |           | 1.4  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 25    |           | 0.89 | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 27    |           | 1.3  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 26    |           | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 28    |           | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 25    |           | 0.72 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 25    |           | 1.4  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 27    |           | 1.4  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 25    |           | 1.5  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 15    |           | 1.7  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 24    |           | 1.1  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 28    |           | 1.3  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 27    |           | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 25    |           | 0.97 | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 25    |           | 1.5  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 25    |           | 1.4  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 26    |           | 1.9  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 26    |           | 1.7  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | SLCS386        | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165386BS     | 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 |
| BN035438.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 25    |           | 1.9  | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 25    |           | 1.8  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 30    |           | 1.2  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 26    |           | 1.6  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 30    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 25    |           | 1.8  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 25    |           | 0.86 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 25    |           | 1.9  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 28    |           | 1.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 28    |           | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 25    |           | 1.7  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 28    |           | 0.97 | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 26    |           | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 24    |           | 2    | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 24    |           | 1.9  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 30    |           | 0.6  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 29    |           | 1.7  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 26    |           | 1.7  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 25    |           | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 26    |           | 2.7  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 26    |           | 1.9  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 25    |           | 1.7  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 25    |           | 1.8  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 26    |           | 1.3  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 26    |           | 1.7  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 25    |           | 0.75 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 28    |           | 2    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 28    |           | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 26    |           | 1.7  | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | SLCS386        | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165386BS     | 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 |
| BN035438.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 26     |           | 1.7    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 30     |           | 1.5    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 20     |           | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 26     |           | 1.5    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 26     |           | 1.7    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 29     |           | 1.5    | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 28     |           | 1.3    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 26     |           | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 26     |           | 2.2    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 26     |           | 2      | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 26     |           | 1.9    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 26     |           | 2      | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 26     |           | 1.9    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 24     |           | 1.8    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.945  |           | 15-120 |     | 62         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 26.648 |           | 20-120 |     | 67         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 27.996 |           | 10-130 |     | 70         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 27.024 |           | 25-120 |     | 68         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 27.246 |           | 20-130 |     | 68         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 27.604 |           | 25-125 |     | 69         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 29.398 |           | 20-125 |     | 73         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 29.703 |           | 20-130 |     | 74         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.365 |           | 20-120 |     | 71         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.852 |           | 1-146  |     | 62         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 27.185 |           | 25-130 |     | 68         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 26.764 |           | 10-130 |     | 67         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 29.289 |           | 10-150 |     | 73         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.997 |           | 25-125 |     | 65         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | SLCS386                | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165386BS             | 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 |
| BN035438.D        | 1         | 12/4/2024 12:00:00 AM | 12/5/2024 12:00:00 AM | PB165386      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 30.487 |           | 10-130 |     | 76         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 26.609 |           | 25-130 |     | 67         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 27.211 |           | 15-130 |     | 68         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 28.029 |           | 20-130 |     | 70         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 99236  | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 426208 | 10.046    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 331391 | 13.957    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 725336 | 16.728    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 725764 | 20.98     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 849299 | 23.651    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.9    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | SBLK398    | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165398BL | 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 |
| BN035440.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

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

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | SBLK398                | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165398BL             | 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 |
| BN035440.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

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

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | SBLK398        | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165398BL     | 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 |
| BN035440.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.3    | U         | 1.3    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 2.2    | U         | 2.2    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.8    | U         | 1.8    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.383  |           | 15-120 |     | 67         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 27.983 |           | 20-120 |     | 70         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 27.815 |           | 10-130 |     | 70         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 29.133 |           | 25-120 |     | 73         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 28.034 |           | 20-130 |     | 70         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 27.768 |           | 25-125 |     | 69         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 29.829 |           | 20-125 |     | 75         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 30.539 |           | 20-130 |     | 76         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 26.891 |           | 20-120 |     | 67         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 29.441 |           | 1-146  |     | 74         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 29.277 |           | 25-130 |     | 73         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.336 |           | 10-130 |     | 71         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 26.949 |           | 10-150 |     | 67         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.08  |           | 25-125 |     | 70         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | SBLK398                | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165398BL             | 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 |
| BN035440.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 24.594 |           | 10-130 |     | 61         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 29.563 |           | 25-130 |     | 74         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 28.602 |           | 15-130 |     | 72         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 29.593 |           | 20-130 |     | 74         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 90991  | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 391668 | 10.046    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 307322 | 13.957    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 690346 | 16.728    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 724033 | 20.974    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 807120 | 23.651    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.9    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | SBLK400    | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165400BL | 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 |
| BN035441.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165400      |

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

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | SBLK400                | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165400BL             | 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 |
| BN035441.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165400      |

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

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | SBLK400                | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165400BL             | 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 |
| BN035441.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165400      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.3    | U         | 1.3    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 2.2    | U         | 2.2    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.8    | U         | 1.8    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.938  |           | 15-120 |     | 62         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 23.701 |           | 20-120 |     | 59         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 23.377 |           | 10-130 |     | 58         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 24.729 |           | 25-120 |     | 62         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 23.285 |           | 20-130 |     | 58         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 23.443 |           | 25-125 |     | 59         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 25.382 |           | 20-125 |     | 63         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 25.545 |           | 20-130 |     | 64         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 22.908 |           | 20-120 |     | 57         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 25.166 |           | 1-146  |     | 63         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 25.302 |           | 25-130 |     | 63         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 24.126 |           | 10-130 |     | 60         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 21.834 |           | 10-150 |     | 55         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 23.855 |           | 25-125 |     | 60         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                              |
|--------------------|------------------------|-----------------|------------------------------|
| Client:            |                        | Date Collected: | 12/5/2024 12:00:00 AM        |
| Project:           |                        | Date Received:  | 12/5/2024 12:00:00 AM        |
| Client Sample ID:  | SBLK400                | SDG No.:        | BN120624                     |
| Lab Sample ID:     | PB165400BL             | 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 |
| BN035441.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165400      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 20.66  |           | 10-130 |     | 52         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 25.297 |           | 25-130 |     | 63         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 24.436 |           | 15-130 |     | 61         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 25.665 |           | 20-130 |     | 64         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 98055  | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 413630 | 10.046    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 325212 | 13.957    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 737930 | 16.722    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 751529 | 20.98     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 880554 | 23.651    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.9    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ69                  | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-12               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN035442.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

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

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ69     | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-12  | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      | Units:          | mL                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 1000                  |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN035442.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

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

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ69     | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-12  | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      | Units:          | mL                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 1000                  |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN035442.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.3    | U         | 1.3    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 2.2    | U         | 2.2    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.8    | U         | 1.8    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.465  |           | 15-120 |     | 56         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 4.014  | *         | 20-120 |     | 10         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 6.136  |           | 10-130 |     | 15         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 27.342 |           | 25-120 |     | 68         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 22.872 |           | 20-130 |     | 57         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 15.447 |           | 25-125 |     | 39         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 28.682 |           | 20-125 |     | 72         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 29.241 |           | 20-130 |     | 73         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 26.557 |           | 20-120 |     | 66         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 19.294 |           | 1-146  |     | 48         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 30.109 |           | 25-130 |     | 75         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 27.547 |           | 10-130 |     | 69         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 4.877  |           | 10-150 |     | 12         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 29.406 |           | 25-125 |     | 74         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ69                  | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-12               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN035442.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 27.482 |           | 10-130 |     | 69         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 31.003 |           | 25-130 |     | 78         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 29.933 |           | 15-130 |     | 75         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 30.858 |           | 20-130 |     | 77         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 100961 | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 421765 | 10.046    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 331354 | 13.957    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 737488 | 16.728    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 775053 | 20.974    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 932109 | 23.651    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 000301-02-0                           | 9-Octadecenamide, (Z)-        | 6.2    | J         |        |     | 20.139     |          |
| E966796                               | Total Alkanes                 | 1.9    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ70      | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-13   | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 980        | 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 |
| BN035443.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.32  | U         | 0.32 | 0.51 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 1.4   | U         | 1.4  | 5.1  | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 0.87  | U         | 0.87 | 10.2 | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.7   | U         | 1.7  | 5.1  | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.5   | U         | 1.5  | 5.1  | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.1   | U         | 1.1  | 2.6  | 5.1        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.5   | U         | 1.5  | 5.1  | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 5.1  | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 2.1   | U         | 2.1  | 5.1  | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.6   | U         | 1.6  | 5.1  | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.4   | U         | 1.4  | 2.6  | 5.1        | ug/L  |
| 67-72-1        | Hexachloroethane            | 0.91  | U         | 0.91 | 2.6  | 5.1        | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.3   | U         | 1.3  | 2.6  | 5.1        | ug/L  |
| 78-59-1        | Isophorone                  | 1.4   | U         | 1.4  | 2.6  | 5.1        | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.4   | U         | 1.4  | 2.6  | 5.1        | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.73  | U         | 0.73 | 2.6  | 5.1        | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.4   | U         | 1.4  | 2.6  | 5.1        | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.4   | U         | 1.4  | 2.6  | 5.1        | ug/L  |
| 91-20-3        | Naphthalene                 | 1.5   | U         | 1.5  | 2.6  | 5.1        | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.7   | U         | 1.7  | 2.6  | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.1   | U         | 1.1  | 2.6  | 5.1        | ug/L  |
| 105-60-2       | Caprolactam                 | 1.3   | U         | 1.3  | 5.1  | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.4   | U         | 1.4  | 2.6  | 5.1        | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 0.99  | U         | 0.99 | 2.6  | 5.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.5   | U         | 1.5  | 2.6  | 5.1        | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 1.4   | U         | 1.4  | 5.1  | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1.9   | U         | 1.9  | 2.6  | 5.1        | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.7   | U         | 1.7  | 2.6  | 5.1        | ug/L  |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ70     | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-13  | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 980       | Units:          | mL                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 1000                  |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN035443.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1.9   | U         | 1.9  | 2.6 | 5.1        | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.8   | U         | 1.8  | 2.6 | 5.1        | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.2   | U         | 1.2  | 2.6 | 5.1        | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.6   | U         | 1.6  | 2.6 | 5.1        | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.6 | 5.1        | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.8   | U         | 1.8  | 2.6 | 5.1        | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.88  | U         | 0.88 | 5.1 | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.9   | U         | 1.9  | 2.6 | 5.1        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 1.9   | U         | 1.9  | 5.1 | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.5   | U         | 1.5  | 5.1 | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.7   | U         | 1.7  | 2.6 | 5.1        | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 0.99  | U         | 0.99 | 2.6 | 5.1        | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.5   | U         | 1.5  | 2.6 | 5.1        | ug/L  |
| 86-73-7    | Fluorene                   | 2     | U         | 2    | 2.6 | 5.1        | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.9   | U         | 1.9  | 2.6 | 5.1        | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 0.61  | U         | 0.61 | 5.1 | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.7   | U         | 1.7  | 5.1 | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.7   | U         | 1.7  | 2.6 | 5.1        | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.8   | U         | 1.8  | 2.6 | 5.1        | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 2.8   | U         | 2.8  | 2.6 | 5.1        | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.9   | U         | 1.9  | 2.6 | 5.1        | ug/L  |
| 1912-24-9  | Atrazine                   | 1.2   | U         | 1.2  | 5.1 | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 1.7   | U         | 1.7  | 5.1 | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.8   | U         | 1.8  | 2.6 | 5.1        | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.3   | U         | 1.3  | 2.6 | 5.1        | ug/L  |
| 120-12-7   | Anthracene                 | 1.7   | U         | 1.7  | 2.6 | 5.1        | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.77  | U         | 0.77 | 2.6 | 5.1        | ug/L  |
| 86-74-8    | Carbazole                  | 2     | U         | 2    | 5.1 | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.7   | U         | 1.7  | 2.6 | 5.1        | ug/L  |
| 206-44-0   | Fluoranthene               | 1.7   | U         | 1.7  | 5.1 | 5.1        | ug/L  |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ70     | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-13  | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 980       | Units:          | mL                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 1000                  |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN035443.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.7    | U         | 1.7    | 2.6 | 5.1        | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 1.5    | U         | 1.5    | 2.6 | 5.1        | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5.1 | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.5    | U         | 1.5    | 2.6 | 5.1        | ug/L     |
| 218-01-9          | Chrysene                    | 1.7    | U         | 1.7    | 2.6 | 5.1        | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1.5    | U         | 1.5    | 2.6 | 5.1        | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.3    | U         | 1.3    | 5.1 | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.6    | U         | 1.6    | 2.6 | 5.1        | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 2.2    | U         | 2.2    | 2.6 | 5.1        | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 2      | U         | 2      | 2.6 | 5.1        | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.9    | U         | 1.9    | 2.6 | 5.1        | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2      | U         | 2      | 2.6 | 5.1        | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.9    | U         | 1.9    | 2.6 | 5.1        | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.8    | U         | 1.8    | 2.6 | 5.1        | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.204  |           | 15-120 |     | 53         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 7.892  |           | 20-120 |     | 20         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 6.571  |           | 10-130 |     | 16         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 24.874 |           | 25-120 |     | 62         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 21.512 |           | 20-130 |     | 54         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 15.249 |           | 25-125 |     | 38         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 25.714 |           | 20-125 |     | 64         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 25.691 |           | 20-130 |     | 64         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 23.668 |           | 20-120 |     | 59         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.081 |           | 1-146  |     | 58         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 28.254 |           | 25-130 |     | 71         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 25.871 |           | 10-130 |     | 65         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 5.287  |           | 10-150 |     | 13         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 27.724 |           | 25-125 |     | 69         | SPK: -40 |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ70                 | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-13              | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 980      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 |
| BN035443.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 24.296 |           | 10-130 |     | 61         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 28.991 |           | 25-130 |     | 72         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 29.03  |           | 15-130 |     | 73         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 29.73  |           | 20-130 |     | 74         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 89274  | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 380348 | 10.046    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 300476 | 13.957    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 679467 | 16.722    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 696540 | 20.975    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 835888 | 23.651    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.9    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | BHJ96                  | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-20               | 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 |
| BN035444.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165400      |

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

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | BHJ96                  | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-20               | 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 |
| BN035444.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165400      |

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

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | BHJ96     | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-20  | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      | Units:          | mL                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 1000                  |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
| Injection Volume : |           | GPC Factor :    | LOW                   |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN035444.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165400      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.3    | U         | 1.3    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 2.2    | U         | 2.2    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.8    | U         | 1.8    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.29   |           | 15-120 |     | 54         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.022  | U         | 20-120 |     | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 10.682 |           | 10-130 |     | 27         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 26.103 |           | 25-120 |     | 65         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.708 |           | 20-130 |     | 62         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 20.551 |           | 25-125 |     | 51         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 26.724 |           | 20-125 |     | 67         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 28.289 |           | 20-130 |     | 71         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 25.385 |           | 20-120 |     | 63         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 6.171  |           | 1-146  |     | 15         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 29.479 |           | 25-130 |     | 74         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 25.263 |           | 10-130 |     | 63         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 10.181 |           | 10-150 |     | 25         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.549 |           | 25-125 |     | 71         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | BHJ96                  | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-20               | 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 |
| BN035444.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165400      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 28.179 |           | 10-130 |     | 70         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 32.334 |           | 25-130 |     | 81         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 31.623 |           | 15-130 |     | 79         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 32.787 |           | 20-130 |     | 82         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 88576  | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 371432 | 10.046    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 295883 | 13.957    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 651683 | 16.722    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 681313 | 20.975    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 760594 | 23.645    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.9    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                              |
|--------------------|------------------------|-----------------|------------------------------|
| Client:            |                        | Date Collected: | 12/4/2024 12:00:00 AM        |
| Project:           |                        | Date Received:  | 12/4/2024 12:00:00 AM        |
| Client Sample ID:  | BHJ96MS                | SDG No.:        | BN120624                     |
| Lab Sample ID:     | P5104-21MS             | 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 |
| BN035445.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165400      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 4.1   |           | 0.31 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 18    |           | 1.4  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 6.2   | J         | 0.85 | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 11    |           | 1.7  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 27    |           | 1.5  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 25    |           | 1.1  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 24    |           | 1.5  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 26    |           | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 28    |           | 2.1  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 22    |           | 1.6  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 27    |           | 1.4  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 23    |           | 0.89 | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 28    |           | 1.3  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 28    |           | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 29    |           | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 24    |           | 0.72 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 27    |           | 1.4  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 28    |           | 1.4  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 26    |           | 1.5  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 11    |           | 1.7  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 26    |           | 1.1  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 4.2   | J         | 1.3  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 29    |           | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 26    |           | 0.97 | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 27    |           | 1.5  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 23    |           | 1.4  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 29    |           | 1.9  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 30    |           | 1.7  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | BHJ96MS        | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-21MS     | 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 |
| BN035445.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165400      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 27    |           | 1.9  | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 27    |           | 1.8  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 36    |           | 1.2  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 30    |           | 1.6  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 36    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 28    |           | 1.8  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 29    |           | 0.86 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 28    |           | 1.9  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 36    |           | 1.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 11    |           | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 28    |           | 1.7  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 35    |           | 0.97 | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 31    |           | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 29    |           | 2    | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 28    |           | 1.9  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 38    |           | 0.6  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 37    |           | 1.7  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 32    |           | 1.7  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 27    |           | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 32    |           | 2.7  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 31    |           | 1.9  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 32    |           | 1.7  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 31    |           | 1.8  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 30    |           | 1.3  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 30    |           | 1.7  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 28    |           | 0.75 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 34    |           | 2    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 34    |           | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 30    |           | 1.7  | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | BHJ96MS        | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-21MS     | 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 |
| BN035445.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165400      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 30     |           | 1.7    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 36     |           | 1.5    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 33     |           | 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  | 36     |           | 1.5    | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 35     |           | 1.3    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 32     |           | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 30     |           | 2.2    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 31     |           | 2      | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 32     |           | 1.9    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 31     |           | 2      | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 31     |           | 1.9    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 30     |           | 1.8    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.097  |           | 15-120 |     | 51         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 6.744  | *         | 20-120 |     | 17         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 10.637 |           | 10-130 |     | 27         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 27.039 |           | 25-120 |     | 68         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 25.216 |           | 20-130 |     | 63         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 21.708 |           | 25-125 |     | 54         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 29.331 |           | 20-125 |     | 73         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 30.372 |           | 20-130 |     | 76         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.378 |           | 20-120 |     | 71         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.959 |           | 1-146  |     | 62         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 31.157 |           | 25-130 |     | 78         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.386 |           | 10-130 |     | 71         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 10.49  |           | 10-150 |     | 26         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 29.793 |           | 25-125 |     | 74         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | BHJ96MS                | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-21MS             | 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 |
| BN035445.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165400      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 37.064  |           | 10-130 |     | 93         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 30.804  |           | 25-130 |     | 77         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 30.812  |           | 15-130 |     | 77         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 32.649  |           | 20-130 |     | 82         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 112003  | 7.298     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 484857  | 10.045    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 380600  | 13.963    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 831718  | 16.727    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 857112  | 20.98     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1025452 | 23.656    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.9     | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | BHJ96MSD               | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-22MSD            | 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 |
| BN035446.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165400      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 4.1   |           | 0.31 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 19    |           | 1.4  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 6.6   | J         | 0.85 | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 12    |           | 1.7  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 29    |           | 1.5  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 26    |           | 1.1  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 26    |           | 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                | 30    |           | 2.1  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 24    |           | 1.6  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 29    |           | 1.4  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 24    |           | 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               | 31    |           | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 26    |           | 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          | 30    |           | 1.4  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 27    |           | 1.5  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 11    |           | 1.7  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 26    |           | 1.1  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 4.7   | J         | 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         | 28    |           | 0.97 | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 29    |           | 1.5  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 25    |           | 1.4  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 31    |           | 1.9  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 32    |           | 1.7  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | BHJ96MSD       | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-22MSD    | 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 |
| BN035446.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165400      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 29    |           | 1.9  | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 29    |           | 1.8  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 39    |           | 1.2  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 33    |           | 1.6  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 39    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 30    |           | 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          | 39    |           | 1.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 11    |           | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 31    |           | 1.7  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 38    |           | 0.97 | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 33    |           | 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 | 38    |           | 1.7  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 33    |           | 1.7  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 29    |           | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 33    |           | 2.7  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 34    |           | 1.9  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 35    |           | 1.7  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 33    |           | 1.8  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 33    |           | 1.3  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 32    |           | 1.7  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 30    |           | 0.75 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 36    |           | 2    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 36    |           | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 33    |           | 1.7  | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | BHJ96MSD       | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-22MSD    | 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 |
| BN035446.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165400      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 34     |           | 1.7    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 41     |           | 1.5    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 36     |           | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 33     |           | 1.5    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 33     |           | 1.7    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 39     |           | 1.5    | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 38     |           | 1.3    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 34     |           | 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              | 34     |           | 2      | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 34     |           | 1.9    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 34     |           | 2      | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 34     |           | 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              | 3.908  |           | 15-120 |     | 49         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 6.847  | *         | 20-120 |     | 17         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 11.68  |           | 10-130 |     | 29         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 29.032 |           | 25-120 |     | 73         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 26.756 |           | 20-130 |     | 67         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 23.502 |           | 25-125 |     | 59         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 32.063 |           | 20-125 |     | 80         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 32.983 |           | 20-130 |     | 82         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 29.667 |           | 20-120 |     | 74         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 26.621 |           | 1-146  |     | 67         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 33.332 |           | 25-130 |     | 83         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 30.189 |           | 10-130 |     | 75         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 11.464 |           | 10-150 |     | 29         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 30.765 |           | 25-125 |     | 77         | SPK: -40 |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | BHJ96MSD       | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-22MSD    | 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 |
| BN035446.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165400      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 39.125 |           | 10-130 |     | 98         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 32.753 |           | 25-130 |     | 82         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 34.335 |           | 15-130 |     | 86         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 35.262 |           | 20-130 |     | 88         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 112301 | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 484888 | 10.046    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 371275 | 13.963    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 804949 | 16.727    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 764937 | 20.986    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 935239 | 23.651    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.9    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ71                 | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-14              | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 980      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 |
| BN035447.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.32  | U         | 0.32 | 0.51 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 1.4   | U         | 1.4  | 5.1  | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 0.87  | U         | 0.87 | 10.2 | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.7   | U         | 1.7  | 5.1  | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.5   | U         | 1.5  | 5.1  | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.1   | U         | 1.1  | 2.6  | 5.1        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.5   | U         | 1.5  | 5.1  | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 5.1  | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 2.1   | U         | 2.1  | 5.1  | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.6   | U         | 1.6  | 5.1  | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.4   | U         | 1.4  | 2.6  | 5.1        | ug/L  |
| 67-72-1        | Hexachloroethane            | 0.91  | U         | 0.91 | 2.6  | 5.1        | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.3   | U         | 1.3  | 2.6  | 5.1        | ug/L  |
| 78-59-1        | Isophorone                  | 1.4   | U         | 1.4  | 2.6  | 5.1        | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.4   | U         | 1.4  | 2.6  | 5.1        | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.73  | U         | 0.73 | 2.6  | 5.1        | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.4   | U         | 1.4  | 2.6  | 5.1        | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.4   | U         | 1.4  | 2.6  | 5.1        | ug/L  |
| 91-20-3        | Naphthalene                 | 1.5   | U         | 1.5  | 2.6  | 5.1        | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.7   | U         | 1.7  | 2.6  | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.1   | U         | 1.1  | 2.6  | 5.1        | ug/L  |
| 105-60-2       | Caprolactam                 | 1.3   | U         | 1.3  | 5.1  | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.4   | U         | 1.4  | 2.6  | 5.1        | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 0.99  | U         | 0.99 | 2.6  | 5.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.5   | U         | 1.5  | 2.6  | 5.1        | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 1.4   | U         | 1.4  | 5.1  | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1.9   | U         | 1.9  | 2.6  | 5.1        | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.7   | U         | 1.7  | 2.6  | 5.1        | ug/L  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ71      | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-14   | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 980        | 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 |
| BN035447.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1.9   | U         | 1.9  | 2.6 | 5.1        | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.8   | U         | 1.8  | 2.6 | 5.1        | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.2   | U         | 1.2  | 2.6 | 5.1        | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.6   | U         | 1.6  | 2.6 | 5.1        | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.6 | 5.1        | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.8   | U         | 1.8  | 2.6 | 5.1        | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.88  | U         | 0.88 | 5.1 | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.9   | U         | 1.9  | 2.6 | 5.1        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 1.9   | U         | 1.9  | 5.1 | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.5   | U         | 1.5  | 5.1 | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.7   | U         | 1.7  | 2.6 | 5.1        | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 0.99  | U         | 0.99 | 2.6 | 5.1        | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.5   | U         | 1.5  | 2.6 | 5.1        | ug/L  |
| 86-73-7    | Fluorene                   | 2     | U         | 2    | 2.6 | 5.1        | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.9   | U         | 1.9  | 2.6 | 5.1        | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 0.61  | U         | 0.61 | 5.1 | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.7   | U         | 1.7  | 5.1 | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.7   | U         | 1.7  | 2.6 | 5.1        | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.8   | U         | 1.8  | 2.6 | 5.1        | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 2.8   | U         | 2.8  | 2.6 | 5.1        | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.9   | U         | 1.9  | 2.6 | 5.1        | ug/L  |
| 1912-24-9  | Atrazine                   | 1.2   | U         | 1.2  | 5.1 | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 1.7   | U         | 1.7  | 5.1 | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.8   | U         | 1.8  | 2.6 | 5.1        | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.3   | U         | 1.3  | 2.6 | 5.1        | ug/L  |
| 120-12-7   | Anthracene                 | 1.7   | U         | 1.7  | 2.6 | 5.1        | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.77  | U         | 0.77 | 2.6 | 5.1        | ug/L  |
| 86-74-8    | Carbazole                  | 2     | U         | 2    | 5.1 | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.7   | U         | 1.7  | 2.6 | 5.1        | ug/L  |
| 206-44-0   | Fluoranthene               | 1.7   | U         | 1.7  | 5.1 | 5.1        | ug/L  |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ71     | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-14  | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 980       | Units:          | mL                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 1000                  |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN035447.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.7    | U         | 1.7    | 2.6 | 5.1        | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 1.5    | U         | 1.5    | 2.6 | 5.1        | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5.1 | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.5    | U         | 1.5    | 2.6 | 5.1        | ug/L     |
| 218-01-9          | Chrysene                    | 1.7    | U         | 1.7    | 2.6 | 5.1        | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1.5    | U         | 1.5    | 2.6 | 5.1        | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.3    | U         | 1.3    | 5.1 | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.6    | U         | 1.6    | 2.6 | 5.1        | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 2.2    | U         | 2.2    | 2.6 | 5.1        | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 2      | U         | 2      | 2.6 | 5.1        | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.9    | U         | 1.9    | 2.6 | 5.1        | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2      | U         | 2      | 2.6 | 5.1        | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.9    | U         | 1.9    | 2.6 | 5.1        | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.8    | U         | 1.8    | 2.6 | 5.1        | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.307  |           | 15-120 |     | 54         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 4.635  | *         | 20-120 |     | 12         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 7.06   |           | 10-130 |     | 18         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 28.554 |           | 25-120 |     | 71         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.479 |           | 20-130 |     | 61         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 17.736 |           | 25-125 |     | 44         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 30.31  |           | 20-125 |     | 76         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 31.526 |           | 20-130 |     | 79         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.11  |           | 20-120 |     | 70         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 20.564 |           | 1-146  |     | 51         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 33.535 |           | 25-130 |     | 84         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 30.292 |           | 10-130 |     | 76         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.47   |           | 10-150 |     | 16         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 31.543 |           | 25-125 |     | 79         | SPK: -40 |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ71                 | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-14              | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 980      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 |
| BN035447.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 31.307 |           | 10-130 |     | 78         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 34.252 |           | 25-130 |     | 86         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 34.512 |           | 15-130 |     | 86         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 36.657 |           | 20-130 |     | 92         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 97282  | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 410514 | 10.046    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 321036 | 13.957    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 712093 | 16.722    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 721779 | 20.98     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 810261 | 23.645    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.9    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                              |
|--------------------|------------------------|-----------------|------------------------------|
| Client:            |                        | Date Collected: | 12/2/2024 12:00:00 AM        |
| Project:           |                        | Date Received:  | 12/2/2024 12:00:00 AM        |
| Client Sample ID:  | BHJ72                  | SDG No.:        | BN120624                     |
| Lab Sample ID:     | P5104-15               | 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 |
| BN035448.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

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

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ72                  | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-15               | 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 |
| BN035448.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

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

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ72          | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-15       | 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 |
| BN035448.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.3    | U         | 1.3    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 2.2    | U         | 2.2    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2      | U         | 2      | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.9    | U         | 1.9    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.8    | U         | 1.8    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.642  |           | 15-120 |     | 58         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 3.855  | *         | 20-120 |     | 10         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 6.812  |           | 10-130 |     | 17         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 28.065 |           | 25-120 |     | 70         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 23.718 |           | 20-130 |     | 59         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 16.323 |           | 25-125 |     | 41         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 28.924 |           | 20-125 |     | 72         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 29.529 |           | 20-130 |     | 74         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 26.566 |           | 20-120 |     | 66         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 22.86  |           | 1-146  |     | 57         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 31.233 |           | 25-130 |     | 78         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.72  |           | 10-130 |     | 72         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 5.788  |           | 10-150 |     | 14         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 30.31  |           | 25-125 |     | 76         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ72                  | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-15               | 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 |
| BN035448.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 28.989 |           | 10-130 |     | 72         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 32.292 |           | 25-130 |     | 81         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 32.622 |           | 15-130 |     | 82         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 33.857 |           | 20-130 |     | 85         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 94192  | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 408060 | 10.046    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 320034 | 13.957    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 713986 | 16.722    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 715072 | 20.975    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 805547 | 23.645    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.9    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ73      | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-16   | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990        | 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 |
| BN035449.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.31  | U         | 0.31 | 0.51 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 1.4   | U         | 1.4  | 5.1  | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 0.86  | U         | 0.86 | 10.1 | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.7   | U         | 1.7  | 5.1  | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.5   | U         | 1.5  | 5.1  | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.1   | U         | 1.1  | 2.5  | 5.1        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.5   | U         | 1.5  | 5.1  | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 5.1  | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 2.1   | U         | 2.1  | 5.1  | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.6   | U         | 1.6  | 5.1  | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.4   | U         | 1.4  | 2.5  | 5.1        | ug/L  |
| 67-72-1        | Hexachloroethane            | 0.9   | U         | 0.9  | 2.5  | 5.1        | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.3   | U         | 1.3  | 2.5  | 5.1        | ug/L  |
| 78-59-1        | Isophorone                  | 1.4   | U         | 1.4  | 2.5  | 5.1        | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.4   | U         | 1.4  | 2.5  | 5.1        | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.73  | U         | 0.73 | 2.5  | 5.1        | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.4   | U         | 1.4  | 2.5  | 5.1        | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.4   | U         | 1.4  | 2.5  | 5.1        | ug/L  |
| 91-20-3        | Naphthalene                 | 1.5   | U         | 1.5  | 2.5  | 5.1        | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.7   | U         | 1.7  | 2.5  | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.1   | U         | 1.1  | 2.5  | 5.1        | ug/L  |
| 105-60-2       | Caprolactam                 | 1.3   | U         | 1.3  | 5.1  | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.4   | U         | 1.4  | 2.5  | 5.1        | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 0.98  | U         | 0.98 | 2.5  | 5.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.5   | U         | 1.5  | 2.5  | 5.1        | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 1.4   | U         | 1.4  | 5.1  | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1.9   | U         | 1.9  | 2.5  | 5.1        | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.7   | U         | 1.7  | 2.5  | 5.1        | ug/L  |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ73     | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-16  | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990       | Units:          | mL                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 1000                  |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN035449.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1.9   | U         | 1.9  | 2.5 | 5.1        | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.8   | U         | 1.8  | 2.5 | 5.1        | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.2   | U         | 1.2  | 2.5 | 5.1        | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.6   | U         | 1.6  | 2.5 | 5.1        | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5.1        | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.8   | U         | 1.8  | 2.5 | 5.1        | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.87  | U         | 0.87 | 5.1 | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.9   | U         | 1.9  | 2.5 | 5.1        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 1.9   | U         | 1.9  | 5.1 | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.5   | U         | 1.5  | 5.1 | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.7   | U         | 1.7  | 2.5 | 5.1        | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 0.98  | U         | 0.98 | 2.5 | 5.1        | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.5   | U         | 1.5  | 2.5 | 5.1        | ug/L  |
| 86-73-7    | Fluorene                   | 2     | U         | 2    | 2.5 | 5.1        | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.9   | U         | 1.9  | 2.5 | 5.1        | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 0.61  | U         | 0.61 | 5.1 | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.7   | U         | 1.7  | 5.1 | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.7   | U         | 1.7  | 2.5 | 5.1        | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.8   | U         | 1.8  | 2.5 | 5.1        | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 2.7   | U         | 2.7  | 2.5 | 5.1        | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.9   | U         | 1.9  | 2.5 | 5.1        | ug/L  |
| 1912-24-9  | Atrazine                   | 1.2   | U         | 1.2  | 5.1 | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 1.7   | U         | 1.7  | 5.1 | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.8   | U         | 1.8  | 2.5 | 5.1        | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.3   | U         | 1.3  | 2.5 | 5.1        | ug/L  |
| 120-12-7   | Anthracene                 | 1.7   | U         | 1.7  | 2.5 | 5.1        | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.76  | U         | 0.76 | 2.5 | 5.1        | ug/L  |
| 86-74-8    | Carbazole                  | 2     | U         | 2    | 5.1 | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.7   | U         | 1.7  | 2.5 | 5.1        | ug/L  |
| 206-44-0   | Fluoranthene               | 1.7   | U         | 1.7  | 5.1 | 5.1        | ug/L  |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ73     | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-16  | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990       | Units:          | mL                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 1000                  |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN035449.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 1.7    | U         | 1.7    | 2.5 | 5.1        | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 1.5    | U         | 1.5    | 2.5 | 5.1        | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.4    | U         | 1.4    | 5.1 | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 1.5    | U         | 1.5    | 2.5 | 5.1        | ug/L     |
| 218-01-9          | Chrysene                    | 1.7    | U         | 1.7    | 2.5 | 5.1        | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1.5    | U         | 1.5    | 2.5 | 5.1        | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.3    | U         | 1.3    | 5.1 | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.6    | U         | 1.6    | 2.5 | 5.1        | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 2.2    | U         | 2.2    | 2.5 | 5.1        | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 2      | U         | 2      | 2.5 | 5.1        | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.9    | U         | 1.9    | 2.5 | 5.1        | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 2      | U         | 2      | 2.5 | 5.1        | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.9    | U         | 1.9    | 2.5 | 5.1        | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1.8    | U         | 1.8    | 2.5 | 5.1        | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.995  |           | 15-120 |     | 50         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 5.143  | *         | 20-120 |     | 13         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 6.678  |           | 10-130 |     | 17         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 28.341 |           | 25-120 |     | 71         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 23.8   |           | 20-130 |     | 59         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 16.336 |           | 25-125 |     | 41         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 29.325 |           | 20-125 |     | 73         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 29.947 |           | 20-130 |     | 75         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 27.346 |           | 20-120 |     | 68         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 16.298 |           | 1-146  |     | 41         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 29.875 |           | 25-130 |     | 75         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.871 |           | 10-130 |     | 72         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 5.548  |           | 10-150 |     | 14         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 29.805 |           | 25-125 |     | 75         | SPK: -40 |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 12/2/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 12/2/2024 12:00:00 AM |
| Client Sample ID:  | BHJ73                 | SDG No.:        | BN120624              |
| Lab Sample ID:     | P5104-16              | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BN035449.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 28.758 |           | 10-130 |     | 72         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 32.23  |           | 25-130 |     | 81         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 31.228 |           | 15-130 |     | 78         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 32.937 |           | 20-130 |     | 82         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 93568  | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 397105 | 10.046    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 312467 | 13.957    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 690670 | 16.722    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 725846 | 20.974    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 844172 | 23.645    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.9    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | SLCS400        | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165400BS     | 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 |
| BN035450.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165400      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 9.4   |           | 0.31 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 7.9   | J         | 1.4  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 28    |           | 0.85 | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 29    |           | 1.7  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 28    |           | 1.5  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 28    |           | 1.1  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 29    |           | 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                | 28    |           | 2.1  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 30    |           | 1.6  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 28    |           | 1.4  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 27    |           | 0.89 | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 29    |           | 1.3  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 27    |           | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 29    |           | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 26    |           | 0.72 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 27    |           | 1.4  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 28    |           | 1.4  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 26    |           | 1.5  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 13    |           | 1.7  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 26    |           | 1.1  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 29    |           | 1.3  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 28    |           | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 26    |           | 0.97 | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 27    |           | 1.5  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 26    |           | 1.4  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 27    |           | 1.9  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 28    |           | 1.7  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | SLCS400        | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165400BS     | 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 |
| BN035450.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165400      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 26    |           | 1.9  | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 26    |           | 1.8  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 32    |           | 1.2  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 27    |           | 1.6  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 32    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 26    |           | 1.8  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 25    |           | 0.86 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 27    |           | 1.9  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 31    |           | 1.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 30    |           | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 27    |           | 1.7  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 31    |           | 0.97 | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 28    |           | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 26    |           | 2    | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 25    |           | 1.9  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 32    |           | 0.6  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 32    |           | 1.7  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 27    |           | 1.7  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 27    |           | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 27    |           | 2.7  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 28    |           | 1.9  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 27    |           | 1.7  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 26    |           | 1.8  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 28    |           | 1.3  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 26    |           | 1.7  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 28    |           | 0.75 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 29    |           | 2    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 29    |           | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 28    |           | 1.7  | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | SLCS400        | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165400BS     | 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 |
| BN035450.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165400      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 28     |           | 1.7    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 32     |           | 1.5    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 18     |           | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 27     |           | 1.5    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 27     |           | 1.7    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 31     |           | 1.5    | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 32     |           | 1.3    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 28     |           | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 27     |           | 2.2    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 28     |           | 2      | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 28     |           | 1.9    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 27     |           | 2      | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 27     |           | 1.9    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 27     |           | 1.8    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.893  |           | 15-120 |     | 61         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 28.205 |           | 20-120 |     | 71         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 29.421 |           | 10-130 |     | 74         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 28.309 |           | 25-120 |     | 71         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 28.777 |           | 20-130 |     | 72         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 29.135 |           | 25-125 |     | 73         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 29.463 |           | 20-125 |     | 74         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 30.469 |           | 20-130 |     | 76         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.894 |           | 20-120 |     | 72         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.896 |           | 1-146  |     | 62         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 27.582 |           | 25-130 |     | 69         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 27.239 |           | 10-130 |     | 68         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 30.893 |           | 10-150 |     | 77         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 26.761 |           | 25-125 |     | 67         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                              |
|--------------------|------------------------|-----------------|------------------------------|
| Client:            |                        | Date Collected: | 12/5/2024 12:00:00 AM        |
| Project:           |                        | Date Received:  | 12/5/2024 12:00:00 AM        |
| Client Sample ID:  | SLCS400                | SDG No.:        | BN120624                     |
| Lab Sample ID:     | PB165400BS             | 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 |
| BN035450.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165400      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 31.613 |           | 10-130 |     | 79         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 27.042 |           | 25-130 |     | 68         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 28.551 |           | 15-130 |     | 71         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 29.261 |           | 20-130 |     | 73         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 109773 | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 482837 | 10.046    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 368468 | 13.957    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 796448 | 16.728    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 764400 | 20.98     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 884401 | 23.651    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.9    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | SLCS398        | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165398BS     | 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 |
| BN035451.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 9.2   |           | 0.31 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 7.7   | J         | 1.4  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 28    |           | 0.85 | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 29    |           | 1.7  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 28    |           | 1.5  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 27    |           | 1.1  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 28    |           | 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                | 28    |           | 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            | 26    |           | 0.89 | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 29    |           | 1.3  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 27    |           | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 29    |           | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 26    |           | 0.72 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 27    |           | 1.4  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 28    |           | 1.4  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 26    |           | 1.5  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 13    |           | 1.7  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 26    |           | 1.1  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 29    |           | 1.3  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 28    |           | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 26    |           | 0.97 | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 27    |           | 1.5  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 26    |           | 1.4  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 27    |           | 1.9  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 27    |           | 1.7  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | SLCS398        | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165398BS     | 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 |
| BN035451.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 26    |           | 1.9  | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 26    |           | 1.8  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 32    |           | 1.2  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 27    |           | 1.6  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 32    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 26    |           | 1.8  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 24    |           | 0.86 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 26    |           | 1.9  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 30    |           | 1.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 29    |           | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 26    |           | 1.7  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 31    |           | 0.97 | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 27    |           | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 26    |           | 2    | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 26    |           | 1.9  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 32    |           | 0.6  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 32    |           | 1.7  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 28    |           | 1.7  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 26    |           | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 28    |           | 2.7  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 26    |           | 1.9  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 28    |           | 1.7  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 26    |           | 1.8  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 28    |           | 1.3  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 26    |           | 1.7  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 27    |           | 0.75 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 29    |           | 2    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 29    |           | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 29    |           | 1.7  | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | SLCS398        | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165398BS     | 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 |
| BN035451.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 28     |           | 1.7    | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 32     |           | 1.5    | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 18     |           | 1.4    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 27     |           | 1.5    | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 28     |           | 1.7    | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 32     |           | 1.5    | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 31     |           | 1.3    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 29     |           | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 27     |           | 2.2    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 28     |           | 2      | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 27     |           | 1.9    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 27     |           | 2      | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 27     |           | 1.9    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 26     |           | 1.8    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.061  |           | 15-120 |     | 63         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 27.426 |           | 20-120 |     | 69         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 29.021 |           | 10-130 |     | 73         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 27.775 |           | 25-120 |     | 69         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 28.225 |           | 20-130 |     | 71         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 28.827 |           | 25-125 |     | 72         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 29.873 |           | 20-125 |     | 75         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 30.415 |           | 20-130 |     | 76         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.902 |           | 20-120 |     | 72         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 25.375 |           | 1-146  |     | 63         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 27.498 |           | 25-130 |     | 69         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 26.969 |           | 10-130 |     | 67         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 30.2   |           | 10-150 |     | 75         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 26.78  |           | 25-125 |     | 67         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | SLCS398                | SDG No.:        | BN120624              |
| Lab Sample ID:     | PB165398BS             | 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 |
| BN035451.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165398      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 32.732 |           | 10-130 |     | 82         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 27.333 |           | 25-130 |     | 68         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 28.638 |           | 15-130 |     | 72         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 28.852 |           | 20-130 |     | 72         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 112147 | 7.299     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 488785 | 10.046    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 377486 | 13.957    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 806252 | 16.728    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 746100 | 20.98     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 870615 | 23.651    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1.9    | U         |        |     | 99         | ug/L     |

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

## Hit Summary Sheet

### SW-846

SDG No.: BN120624

**Client:**

| Sample ID   | Client ID |       | Parameter                 | Concentration | C     | MDL  | RDL | Units |
|-------------|-----------|-------|---------------------------|---------------|-------|------|-----|-------|
| Client ID : | BH437     |       |                           |               |       |      |     |       |
| P5104-01    | BH437     | Water | Total Alkanes             | *             | 0.000 | 1.9  | 5   | ug/L  |
|             |           |       | Total Tics :              |               |       | 0.00 |     |       |
|             |           |       | Total Concentration:      |               |       | 0.00 |     |       |
| Client ID : | BHJ60     |       |                           |               |       |      |     |       |
| P5104-03    | BHJ60     | Water | Total Alkanes             | *             | 0.000 | 1.9  | 5   | ug/L  |
|             |           |       | Total Tics :              |               |       | 0.00 |     |       |
|             |           |       | Total Concentration:      |               |       | 0.00 |     |       |
| Client ID : | BHJ61     |       |                           |               |       |      |     |       |
| P5104-04    | BHJ61     | Water | Total Alkanes             | *             | 0.000 | 1.9  | 5   | ug/L  |
|             |           |       | Total Tics :              |               |       | 0.00 |     |       |
|             |           |       | Total Concentration:      |               |       | 0.00 |     |       |
| Client ID : | BHJ62     |       |                           |               |       |      |     |       |
| P5104-05    | BHJ62     | Water | Total Alkanes             | *             | 0.000 | 2    | 5.2 | ug/L  |
|             |           |       | Total Tics :              |               |       | 0.00 |     |       |
|             |           |       | Total Concentration:      |               |       | 0.00 |     |       |
| Client ID : | BHJ63     |       |                           |               |       |      |     |       |
| P5104-06    | BHJ63     | Water | 6-Octadecenoic acid       | *             | 2.400 | J    |     |       |
| P5104-06    | BHJ63     | Water | Total Alkanes             | *             | 0.000 | 2    | 5.2 | ug/L  |
|             |           |       | Total Tics :              |               |       | 2.40 |     |       |
|             |           |       | Total Concentration:      |               |       | 2.40 |     |       |
| Client ID : | BHJ64     |       |                           |               |       |      |     |       |
| P5104-07    | BHJ64     | Water | Total Alkanes             | *             | 0.000 | 1.9  | 5   | ug/L  |
|             |           |       | Total Tics :              |               |       | 0.00 |     |       |
|             |           |       | Total Concentration:      |               |       | 0.00 |     |       |
| Client ID : | BHJ65     |       |                           |               |       |      |     |       |
| P5104-08    | BHJ65     | Water | Total Alkanes             | *             | 0.000 | 2    | 5.2 | ug/L  |
|             |           |       | Total Tics :              |               |       | 0.00 |     |       |
|             |           |       | Total Concentration:      |               |       | 0.00 |     |       |
| Client ID : | BHJ66     |       |                           |               |       |      |     |       |
| P5104-09    | BHJ66     | Water | 9-Octadecenoic acid, (E)- | *             | 2.200 | J    |     |       |
| P5104-09    | BHJ66     | Water | Total Alkanes             | *             | 0.000 | 2    | 5.2 | ug/L  |
|             |           |       | Total Tics :              |               |       | 2.20 |     |       |
|             |           |       | Total Concentration:      |               |       | 2.20 |     |       |
| Client ID : | BHJ67     |       |                           |               |       |      |     |       |

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

**SDG No.:** BN120624

**Client:**

| Sample ID                   | Client ID |       | Parameter                 | Concentration | C     | MDL         | RDL | Units |
|-----------------------------|-----------|-------|---------------------------|---------------|-------|-------------|-----|-------|
| P5104-10                    | BHJ67     | Water | 9-Octadecenoic acid, (E)- | *             | 2.900 | J           |     |       |
| P5104-10                    | BHJ67     | Water | Total Alkanes             | *             | 0.000 | 2           | 5.2 | ug/L  |
| <b>Total Tics :</b>         |           |       |                           |               |       | <b>2.90</b> |     |       |
| <b>Total Concentration:</b> |           |       |                           |               |       | <b>2.90</b> |     |       |
| <b>Client ID : BHJ68</b>    |           |       |                           |               |       |             |     |       |
| P5104-11                    | BHJ68     | Water | 9-Octadecenoic acid, (E)- | *             | 4.200 | J           |     |       |
| P5104-11                    | BHJ68     | Water | Total Alkanes             | *             | 0.000 | 1.9         | 5   | ug/L  |
| <b>Total Tics :</b>         |           |       |                           |               |       | <b>4.20</b> |     |       |
| <b>Total Concentration:</b> |           |       |                           |               |       | <b>4.20</b> |     |       |
| <b>Client ID : BHJ69</b>    |           |       |                           |               |       |             |     |       |
| P5104-12                    | BHJ69     | Water | 9-Octadecenamide, (Z)-    | *             | 6.200 | J           |     |       |
| P5104-12                    | BHJ69     | Water | Total Alkanes             | *             | 0.000 | 1.9         | 5   | ug/L  |
| <b>Total Tics :</b>         |           |       |                           |               |       | <b>6.20</b> |     |       |
| <b>Total Concentration:</b> |           |       |                           |               |       | <b>6.20</b> |     |       |
| <b>Client ID : BHJ70</b>    |           |       |                           |               |       |             |     |       |
| P5104-13                    | BHJ70     | Water | Total Alkanes             | *             | 0.000 | 1.9         | 5.1 | ug/L  |
| <b>Total Tics :</b>         |           |       |                           |               |       | <b>0.00</b> |     |       |
| <b>Total Concentration:</b> |           |       |                           |               |       | <b>0.00</b> |     |       |
| <b>Client ID : BHJ71</b>    |           |       |                           |               |       |             |     |       |
| P5104-14                    | BHJ71     | Water | Total Alkanes             | *             | 0.000 | 1.9         | 5.1 | ug/L  |
| <b>Total Tics :</b>         |           |       |                           |               |       | <b>0.00</b> |     |       |
| <b>Total Concentration:</b> |           |       |                           |               |       | <b>0.00</b> |     |       |
| <b>Client ID : BHJ72</b>    |           |       |                           |               |       |             |     |       |
| P5104-15                    | BHJ72     | Water | Total Alkanes             | *             | 0.000 | 1.9         | 5   | ug/L  |
| <b>Total Tics :</b>         |           |       |                           |               |       | <b>0.00</b> |     |       |
| <b>Total Concentration:</b> |           |       |                           |               |       | <b>0.00</b> |     |       |
| <b>Client ID : BHJ73</b>    |           |       |                           |               |       |             |     |       |
| P5104-16                    | BHJ73     | Water | Total Alkanes             | *             | 0.000 | 1.9         | 5.1 | ug/L  |
| <b>Total Tics :</b>         |           |       |                           |               |       | <b>0.00</b> |     |       |
| <b>Total Concentration:</b> |           |       |                           |               |       | <b>0.00</b> |     |       |
| <b>Client ID : BHJ96</b>    |           |       |                           |               |       |             |     |       |
| P5104-20                    | BHJ96     | Water | Total Alkanes             | *             | 0.000 | 1.9         | 5   | ug/L  |
| <b>Total Tics :</b>         |           |       |                           |               |       | <b>0.00</b> |     |       |
| <b>Total Concentration:</b> |           |       |                           |               |       | <b>0.00</b> |     |       |

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN120224

SAS No.: BN120224

SDG No.: BN120224

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

Calibration Date(s): 12/2/2024 : \_\_\_\_\_

Calibration Time(s): 13:03 \_\_\_\_\_

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

All other compounds must meet a minimum RRF of 0.010.

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

Instrument ID: \_\_\_\_\_ Calibration Date(s): 12/2/2024 : \_\_\_\_\_

Calibration Time(s): 13:03 \_\_\_\_\_

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

All other compounds must meet a minimum RRF of 0.010.



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN120624 SAS No.: BN120624 SDG NO.: BN120624

EPA Sample No.: SSTD020233 Date Analyzed: Dec 5 2024 12:00AM

Lab File ID: BN035386.D Time Analyzed: 13:51

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

|    |                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|----|----------------|---------------------|-------|---------------------|--------|---------------------|--------|
|    | 12 HOUR STD    | 85865               | 7.305 | 368396              | 10.05  | 281180              | 13.96  |
|    | UPPER LIMIT    | 171730              | 7.805 | 736792              | 10.552 | 562360              | 14.463 |
|    | LOWER LIMIT    | 42932.5             | 6.805 | 184198              | 9.552  | 140590              | 13.463 |
|    | EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 | SBLK386        | 88876               | 7.30  | 374984              | 10.05  | 293935              | 13.96  |
| 02 | SBLK388        | 77892               | 7.30  | 327935              | 10.05  | 261153              | 13.96  |
| 03 | BH437          | 90272               | 7.30  | 378430              | 10.05  | 296921              | 13.96  |
| 04 | BHJ60          | 110183              | 7.30  | 458221              | 10.05  | 349485              | 13.96  |
| 05 | BHJ61          | 110030              | 7.30  | 455984              | 10.05  | 346509              | 13.96  |
| 06 | BHJ62          | 89958               | 7.30  | 376784              | 10.05  | 294545              | 13.96  |
| 07 | BHJ63          | 90540               | 7.30  | 378673              | 10.05  | 289270              | 13.96  |
| 08 | BHJ64          | 89170               | 7.30  | 379626              | 10.05  | 299836              | 13.96  |
| 09 | BHJ65          | 86891               | 7.30  | 374288              | 10.05  | 286932              | 13.96  |
| 10 | BHJ66          | 95893               | 7.30  | 407268              | 10.05  | 306467              | 13.96  |
| 11 | BHJ67          | 97357               | 7.30  | 409011              | 10.05  | 323008              | 13.96  |
| 12 | BHJ68          | 86661               | 7.30  | 375133              | 10.05  | 293441              | 13.96  |
| 13 | SLCS388        | 99133               | 7.30  | 434826              | 10.05  | 340499              | 13.96  |
| 14 | SLCS386        | 99236               | 7.30  | 426208              | 10.05  | 331391              | 13.96  |
| 15 | SBLK398        | 90991               | 7.30  | 391668              | 10.05  | 307322              | 13.96  |
| 16 | SBLK400        | 98055               | 7.30  | 413630              | 10.05  | 325212              | 13.96  |
| 17 | BHJ69          | 100961              | 7.30  | 421765              | 10.05  | 331354              | 13.96  |
| 18 | BHJ70          | 89274               | 7.30  | 380348              | 10.05  | 300476              | 13.96  |
| 19 | BHJ96          | 88576               | 7.30  | 371432              | 10.05  | 295883              | 13.96  |
| 20 | BHJ96MS        | 112003              | 7.30  | 484857              | 10.05  | 380600              | 13.96  |
| 21 | BHJ96MSD       | 112301              | 7.30  | 484888              | 10.05  | 371275              | 13.96  |
| 22 | BHJ71          | 97282               | 7.30  | 410514              | 10.05  | 321036              | 13.96  |
| 23 | BHJ72          | 94192               | 7.30  | 408060              | 10.05  | 320034              | 13.96  |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN120624 SAS No.: BN120624 SDG NO.: BN120624

EPA Sample No.: SSTD020233 Date Analyzed: Dec 6 2024 12:00AM

Lab File ID: BN035386.D Time Analyzed: 06:05

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

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|----------------|---------------------|-------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 85865               | 7.305 | 368396              | 10.05  | 281180              | 13.96  |
| UPPER LIMIT    | 171730              | 7.805 | 736792              | 10.552 | 562360              | 14.463 |
| LOWER LIMIT    | 42932.5             | 6.805 | 184198              | 9.552  | 140590              | 13.463 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 24 BHJ73       | 93568               | 7.30  | 397105              | 10.05  | 312467              | 13.96  |
| 25 SLCS400     | 109773              | 7.30  | 482837              | 10.05  | 368468              | 13.96  |
| 26 SLCS398     | 112147              | 7.30  | 488785              | 10.05  | 377486              | 13.96  |

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

\* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN120624 SAS No.: BN120624 SDG NO.: BN120624

EPA Sample No.: SSTD020353 Date Analyzed: Dec 5 2024 12:00AM

Lab File ID: BN035424.D Time Analyzed: 13:51

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    | 81982               | 7.299 | 355237              | 10.05  | 279891              | 13.96  |
| UPPER LIMIT    | 163964              | 7.799 | 710474              | 10.546 | 559782              | 14.457 |
| LOWER LIMIT    | 40991               | 6.799 | 177618.5            | 9.546  | 139945.5            | 13.457 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK386     | 88876               | 7.30  | 374984              | 10.05  | 293935              | 13.96  |
| 02 SBLK388     | 77892               | 7.30  | 327935              | 10.05  | 261153              | 13.96  |
| 03 BH437       | 90272               | 7.30  | 378430              | 10.05  | 296921              | 13.96  |
| 04 BHJ60       | 110183              | 7.30  | 458221              | 10.05  | 349485              | 13.96  |
| 05 BHJ61       | 110030              | 7.30  | 455984              | 10.05  | 346509              | 13.96  |
| 06 BHJ62       | 89958               | 7.30  | 376784              | 10.05  | 294545              | 13.96  |
| 07 BHJ63       | 90540               | 7.30  | 378673              | 10.05  | 289270              | 13.96  |
| 08 BHJ64       | 89170               | 7.30  | 379626              | 10.05  | 299836              | 13.96  |
| 09 BHJ65       | 86891               | 7.30  | 374288              | 10.05  | 286932              | 13.96  |
| 10 BHJ66       | 95893               | 7.30  | 407268              | 10.05  | 306467              | 13.96  |
| 11 BHJ67       | 97357               | 7.30  | 409011              | 10.05  | 323008              | 13.96  |
| 12 BHJ68       | 86661               | 7.30  | 375133              | 10.05  | 293441              | 13.96  |
| 13 SLCS388     | 99133               | 7.30  | 434826              | 10.05  | 340499              | 13.96  |
| 14 SLCS386     | 99236               | 7.30  | 426208              | 10.05  | 331391              | 13.96  |

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

\* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN120624 SAS No.: BN120624 SDG NO.: BN120624

EPA Sample No.: SSTD020354 Date Analyzed: Dec 6 2024 12:00AM

Lab File ID: BN035439.D Time Analyzed: 00:15

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    | 102369              | 7.299 | 444288              | 10.05  | 327511              | 13.96  |
| UPPER LIMIT    | 204738              | 7.799 | 888576              | 10.546 | 655022              | 14.457 |
| LOWER LIMIT    | 51184.5             | 6.799 | 222144              | 9.546  | 163755.5            | 13.457 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK398     | 90991               | 7.30  | 391668              | 10.05  | 307322              | 13.96  |
| 02 SBLK400     | 98055               | 7.30  | 413630              | 10.05  | 325212              | 13.96  |
| 03 BHJ69       | 100961              | 7.30  | 421765              | 10.05  | 331354              | 13.96  |
| 04 BHJ70       | 89274               | 7.30  | 380348              | 10.05  | 300476              | 13.96  |
| 05 BHJ96       | 88576               | 7.30  | 371432              | 10.05  | 295883              | 13.96  |
| 06 BHJ96MS     | 112003              | 7.30  | 484857              | 10.05  | 380600              | 13.96  |
| 07 BHJ96MSD    | 112301              | 7.30  | 484888              | 10.05  | 371275              | 13.96  |
| 08 BHJ71       | 97282               | 7.30  | 410514              | 10.05  | 321036              | 13.96  |
| 09 BHJ72       | 94192               | 7.30  | 408060              | 10.05  | 320034              | 13.96  |
| 10 BHJ73       | 93568               | 7.30  | 397105              | 10.05  | 312467              | 13.96  |
| 11 SLCS400     | 109773              | 7.30  | 482837              | 10.05  | 368468              | 13.96  |
| 12 SLCS398     | 112147              | 7.30  | 488785              | 10.05  | 377486              | 13.96  |

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

\* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN120624 SAS No.: BN120624 SDG NO.: BN120624

EPA Sample No.: SSTD020233 Date Analyzed: Dec 5 2024 12:00AM

Lab File ID: BN035386.D Time Analyzed: 13:51

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

|    |                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #  | IS6 (PRY)<br>AREA # | RT #   |
|----|----------------|---------------------|--------|---------------------|-------|---------------------|--------|
|    | 12 HOUR STD    | 630701              | 16.728 | 618231              | 20.98 | 719370              | 23.657 |
|    | UPPER LIMIT    | 1261402             | 17.228 | 1236462             | 21.48 | 1438740             | 24.157 |
|    | LOWER LIMIT    | 315350.5            | 16.228 | 309115.5            | 20.48 | 359685              | 23.157 |
|    | EPA SAMPLE NO. |                     |        |                     |       |                     |        |
| 01 | SBLK386        | 672331              | 16.73  | 687943              | 20.97 | 785773              | 23.65  |
| 02 | SBLK388        | 596134              | 16.73  | 604358              | 20.98 | 710389              | 23.65  |
| 03 | BH437          | 686279              | 16.73  | 715873              | 20.98 | 821428              | 23.66  |
| 04 | BHJ60          | 795580              | 16.73  | 853173              | 20.98 | 956030              | 23.66  |
| 05 | BHJ61          | 788996              | 16.73  | 841487              | 20.98 | 959736              | 23.66  |
| 06 | BHJ62          | 686623              | 16.73  | 700915              | 20.98 | 811607              | 23.65  |
| 07 | BHJ63          | 667534              | 16.72  | 713510              | 20.98 | 814717              | 23.65  |
| 08 | BHJ64          | 688896              | 16.73  | 703696              | 20.97 | 796915              | 23.65  |
| 09 | BHJ65          | 661978              | 16.73  | 681859              | 20.98 | 767750              | 23.65  |
| 10 | BHJ66          | 713390              | 16.73  | 741848              | 20.98 | 829858              | 23.65  |
| 11 | BHJ67          | 747365              | 16.73  | 762687              | 20.97 | 876789              | 23.65  |
| 12 | BHJ68          | 655571              | 16.72  | 699129              | 20.97 | 770266              | 23.65  |
| 13 | SLCS388        | 751324              | 16.73  | 760794              | 20.98 | 890261              | 23.65  |
| 14 | SLCS386        | 725336              | 16.73  | 725764              | 20.98 | 849299              | 23.65  |
| 15 | SBLK398        | 690346              | 16.73  | 724033              | 20.97 | 807120              | 23.65  |
| 16 | SBLK400        | 737930              | 16.72  | 751529              | 20.98 | 880554              | 23.65  |
| 17 | BHJ69          | 737488              | 16.73  | 775053              | 20.97 | 932109              | 23.65  |
| 18 | BHJ70          | 679467              | 16.72  | 696540              | 20.98 | 835888              | 23.65  |
| 19 | BHJ96          | 651683              | 16.72  | 681313              | 20.98 | 760594              | 23.65  |
| 20 | BHJ96MS        | 831718              | 16.73  | 857112              | 20.98 | 1.02545e+           | 23.66  |
| 21 | BHJ96MSD       | 804949              | 16.73  | 764937              | 20.99 | 935239              | 23.65  |

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN120624 SAS No.: BN120624 SDG NO.: BN120624

EPA Sample No.: SSTD020233 Date Analyzed: Dec 6 2024 12:00AM

Lab File ID: BN035386.D Time Analyzed: 04:47

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

|                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #  | IS6 (PRY)<br>AREA # | RT #   |
|----------------|---------------------|--------|---------------------|-------|---------------------|--------|
| 12 HOUR STD    | 630701              | 16.728 | 618231              | 20.98 | 719370              | 23.657 |
| UPPER LIMIT    | 1261402             | 17.228 | 1236462             | 21.48 | 1438740             | 24.157 |
| LOWER LIMIT    | 315350.5            | 16.228 | 309115.5            | 20.48 | 359685              | 23.157 |
| EPA SAMPLE NO. |                     |        |                     |       |                     |        |
| 22 BHJ71       | 712093              | 16.72  | 721779              | 20.98 | 810261              | 23.65  |
| 23 BHJ72       | 713986              | 16.72  | 715072              | 20.98 | 805547              | 23.65  |
| 24 BHJ73       | 690670              | 16.72  | 725846              | 20.97 | 844172              | 23.65  |
| 25 SLCS400     | 796448              | 16.73  | 764400              | 20.98 | 884401              | 23.65  |
| 26 SLCS398     | 806252              | 16.73  | 746100              | 20.98 | 870615              | 23.65  |

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.: BN120624 SAS No.: BN120624 SDG NO.: BN120624

EPA Sample No.: SSTD020353 Date Analyzed: Dec 5 2024 12:00AM

Lab File ID: BN035424.D Time Analyzed: 13:51

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    | 635747              | 16.728 | 640538              | 20.98 | 768607              | 23.651 |
| UPPER LIMIT    | 1271494             | 17.228 | 1281076             | 21.48 | 1537214             | 24.151 |
| LOWER LIMIT    | 317873.5            | 16.228 | 320269              | 20.48 | 384303.5            | 23.151 |
| EPA SAMPLE NO. |                     |        |                     |       |                     |        |
| 01 SBLK386     | 672331              | 16.73  | 687943              | 20.97 | 785773              | 23.65  |
| 02 SBLK388     | 596134              | 16.73  | 604358              | 20.98 | 710389              | 23.65  |
| 03 BH437       | 686279              | 16.73  | 715873              | 20.98 | 821428              | 23.66  |
| 04 BHJ60       | 795580              | 16.73  | 853173              | 20.98 | 956030              | 23.66  |
| 05 BHJ61       | 788996              | 16.73  | 841487              | 20.98 | 959736              | 23.66  |
| 06 BHJ62       | 686623              | 16.73  | 700915              | 20.98 | 811607              | 23.65  |
| 07 BHJ63       | 667534              | 16.72  | 713510              | 20.98 | 814717              | 23.65  |
| 08 BHJ64       | 688896              | 16.73  | 703696              | 20.97 | 796915              | 23.65  |
| 09 BHJ65       | 661978              | 16.73  | 681859              | 20.98 | 767750              | 23.65  |
| 10 BHJ66       | 713390              | 16.73  | 741848              | 20.98 | 829858              | 23.65  |
| 11 BHJ67       | 747365              | 16.73  | 762687              | 20.97 | 876789              | 23.65  |
| 12 BHJ68       | 655571              | 16.72  | 699129              | 20.97 | 770266              | 23.65  |
| 13 SLCS388     | 751324              | 16.73  | 760794              | 20.98 | 890261              | 23.65  |
| 14 SLCS386     | 725336              | 16.73  | 725764              | 20.98 | 849299              | 23.65  |

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.: BN120624 SAS No.: BN120624 SDG NO.: BN120624

EPA Sample No.: SSTD020354 Date Analyzed: Dec 6 2024 12:00AM

Lab File ID: BN035439.D Time Analyzed: 00:15

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    | 749693              | 16.728 | 749647              | 20.98 | 876050              | 23.651 |
| UPPER LIMIT    | 1499386             | 17.228 | 1499294             | 21.48 | 1752100             | 24.151 |
| LOWER LIMIT    | 374846.5            | 16.228 | 374823.5            | 20.48 | 438025              | 23.151 |
| EPA SAMPLE NO. |                     |        |                     |       |                     |        |
| 01 SBLK398     | 690346              | 16.73  | 724033              | 20.97 | 807120              | 23.65  |
| 02 SBLK400     | 737930              | 16.72  | 751529              | 20.98 | 880554              | 23.65  |
| 03 BHJ69       | 737488              | 16.73  | 775053              | 20.97 | 932109              | 23.65  |
| 04 BHJ70       | 679467              | 16.72  | 696540              | 20.98 | 835888              | 23.65  |
| 05 BHJ96       | 651683              | 16.72  | 681313              | 20.98 | 760594              | 23.65  |
| 06 BHJ96MS     | 831718              | 16.73  | 857112              | 20.98 | 1.02545e+           | 23.66  |
| 07 BHJ96MSD    | 804949              | 16.73  | 764937              | 20.99 | 935239              | 23.65  |
| 08 BHJ71       | 712093              | 16.72  | 721779              | 20.98 | 810261              | 23.65  |
| 09 BHJ72       | 713986              | 16.72  | 715072              | 20.98 | 805547              | 23.65  |
| 10 BHJ73       | 690670              | 16.72  | 725846              | 20.97 | 844172              | 23.65  |
| 11 SLCS400     | 796448              | 16.73  | 764400              | 20.98 | 884401              | 23.65  |
| 12 SLCS398     | 806252              | 16.73  | 746100              | 20.98 | 870615              | 23.65  |

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.: BN120624

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | RPD  |     | Limits |     |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|-----|
|               |                             |       |        |      |     |     |      | Qual | Low | High   | RPD |
| PB165386BS    | 1,4-Dioxane                 | 16    | 8.8    | ug/L | 55  |     |      |      | 0   | 0      |     |
|               | Benzaldehyde                | 40    | 5.8    | ug/L | 15  |     |      |      | 0   | 0      |     |
|               | Pyridine                    | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |     |
|               | Phenol                      | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | Bis(2-chloroethyl)ether     | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |     |
|               | 2-Chlorophenol              | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |     |
|               | 2-Methylphenol              | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | 2,2-oxybis(1-Chloropropane) | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |     |
|               | Acetophenone                | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |     |
|               | 4-Methylphenol              | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | N-Nitroso-di-n-propylamine  | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |     |
|               | Hexachloroethane            | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |     |
|               | Nitrobenzene                | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | Isophorone                  | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |     |
|               | 2-Nitrophenol               | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | 2,4-Dimethylphenol          | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |     |
|               | Bis(2-chloroethoxy)methane  | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |     |
|               | 2,4-Dichlorophenol          | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | Naphthalene                 | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |     |
|               | 4-Chloroaniline             | 40    | 15     | ug/L | 38  |     |      |      | 0   | 0      |     |
|               | Hexachlorobutadiene         | 40    | 24     | ug/L | 60  |     |      |      | 0   | 0      |     |
|               | Caprolactam                 | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | 4-Chloro-3-methylphenol     | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | 1-Methylnaphthalene         | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |     |
|               | 2-Methylnaphthalene         | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |     |
|               | Hexachlorocyclopentadiene   | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |     |
|               | 2,4,6-Trichlorophenol       | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |     |
|               | 2,4,5-Trichlorophenol       | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |     |
|               | 1,1'-Biphenyl               | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |     |
|               | 2-Chloronaphthalene         | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |     |
|               | 2-Nitroaniline              | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | Dimethylphthalate           | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |     |
|               | 2,6-Dinitrotoluene          | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | Acenaphthylene              | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |     |
|               | 3-Nitroaniline              | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |     |
|               | Acenaphthene                | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |     |
|               | 2,4-Dinitrophenol           | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | 4-Nitrophenol               | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Dibenzofuran                | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |     |
|               | 2,4-Dinitrotoluene          | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Diethylphthalate            | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |     |
|               | Fluorene                    | 40    | 24     | ug/L | 60  |     |      |      | 0   | 0      |     |
|               | 4-Chlorophenyl-phenylether  | 40    | 24     | ug/L | 60  |     |      |      | 0   | 0      |     |
|               | 4-Nitroaniline              | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN120624

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |      |     |     |      | Qual | Low | High   |  |     |
| PB165386BS    | 4,6-Dinitro-2-methylphenol | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | N-Nitrosodiphenylamine     | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |  |     |
|               | 4-Bromophenyl-phenylether  | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobenzene          | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Atrazine                   | 40    |        | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Pentachlorophenol          | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |  |     |
|               | Phenanthrene               | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorobenzene         | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Anthracene                 | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 1,2,3,4-Tetrachlorobenzene | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |  |     |
|               | Carbazole                  | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Di-n-butylphthalate        | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Fluoranthene               | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Pyrene                     | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Butylbenzylphthalate       | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |  |     |
|               | 3,3'-Dichlorobenzidine     | 40    | 20     | ug/L | 50  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)anthracene         | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Chrysene                   | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-ethylhexyl)phthalate | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Di-n-octylphthalate        | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Benzo(b)fluoranthene       | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Benzo(k)fluoranthene       | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)pyrene             | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Dibenzo(a,h)anthracene     | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Benzo(g,h,i)perylene       | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 40    | 24     | ug/L | 60  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN120624

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD |      |      | Limits |      |     |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                             |       |        |      |     | RPD | Qual | Qual | Low    | High | RPD |
| PB165388BS    | 1,4-Dioxane                 | 16    | 9.2    | ug/L | 58  |     |      |      | 0      | 0    |     |
|               | Benzaldehyde                | 40    | 7.3    | ug/L | 18  |     |      |      | 0      | 0    |     |
|               | Pyridine                    | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Phenol                      | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethyl)ether     | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2-Chlorophenol              | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2-Methylphenol              | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 2,2-oxybis(1-Chloropropane) | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | Acetophenone                | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 4-Methylphenol              | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | N-Nitroso-di-n-propylamine  | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | Hexachloroethane            | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | Nitrobenzene                | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Isophorone                  | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 2-Nitrophenol               | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 2,4-Dimethylphenol          | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethoxy)methane  | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 2,4-Dichlorophenol          | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Naphthalene                 | 40    | 25     | ug/L | 63  |     |      |      | 0      | 0    |     |
|               | 4-Chloroaniline             | 40    | 11     | ug/L | 28  |     |      |      | 0      | 0    |     |
|               | Hexachlorobutadiene         | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | Caprolactam                 | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 4-Chloro-3-methylphenol     | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 1-Methylnaphthalene         | 40    | 25     | ug/L | 63  |     |      |      | 0      | 0    |     |
|               | 2-Methylnaphthalene         | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | Hexachlorocyclopentadiene   | 40    | 25     | ug/L | 63  |     |      |      | 0      | 0    |     |
|               | 2,4,6-Trichlorophenol       | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 2,4,5-Trichlorophenol       | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 1,1'-Biphenyl               | 40    | 25     | ug/L | 63  |     |      |      | 0      | 0    |     |
|               | 2-Chloronaphthalene         | 40    | 25     | ug/L | 63  |     |      |      | 0      | 0    |     |
|               | 2-Nitroaniline              | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | Dimethylphthalate           | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2,6-Dinitrotoluene          | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Acenaphthylene              | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 3-Nitroaniline              | 40    | 21     | ug/L | 52  |     |      |      | 0      | 0    |     |
|               | Acenaphthene                | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrophenol           | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | 4-Nitrophenol               | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Dibenzofuran                | 40    | 25     | ug/L | 63  |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrotoluene          | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Diethylphthalate            | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | Fluorene                    | 40    | 25     | ug/L | 63  |     |      |      | 0      | 0    |     |
|               | 4-Chlorophenyl-phenylether  | 40    | 25     | ug/L | 63  |     |      |      | 0      | 0    |     |
|               | 4-Nitroaniline              | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN120624

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |      |     |     |      | Qual | Low | High   |  |     |
| PB165388BS    | 4,6-Dinitro-2-methylphenol | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | N-Nitrosodiphenylamine     | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |  |     |
|               | 4-Bromophenyl-phenylether  | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobenzene          | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Atrazine                   | 40    | 0      | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Pentachlorophenol          | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Phenanthrene               | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorobenzene         | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Anthracene                 | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |  |     |
|               | 1,2,3,4-Tetrachlorobenzene | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Carbazole                  | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Di-n-butylphthalate        | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Fluoranthene               | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Pyrene                     | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Butylbenzylphthalate       | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | 3,3'-Dichlorobenzidine     | 40    | 15     | ug/L | 38  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)anthracene         | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |  |     |
|               | Chrysene                   | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-ethylhexyl)phthalate | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Di-n-octylphthalate        | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Benzo(b)fluoranthene       | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Benzo(k)fluoranthene       | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)pyrene             | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Dibenzo(a,h)anthracene     | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Benzo(g,h,i)perylene       | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN120624

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD |      |      | Limits |      |     |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                             |       |        |      |     | RPD | Qual | Qual | Low    | High | RPD |
| PB165398BS    | 1,4-Dioxane                 | 16    | 9.2    | ug/L | 58  |     |      |      | 0      | 0    |     |
|               | Benzaldehyde                | 40    | 7.7    | ug/L | 19  |     |      |      | 0      | 0    |     |
|               | Pyridine                    | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Phenol                      | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethyl)ether     | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 2-Chlorophenol              | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2-Methylphenol              | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 2,2-oxybis(1-Chloropropane) | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Acetophenone                | 40    | 28     | ug/L | 70  |     |      |      | 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    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | Nitrobenzene                | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Isophorone                  | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2-Nitrophenol               | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | 2,4-Dimethylphenol          | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethoxy)methane  | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2,4-Dichlorophenol          | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Naphthalene                 | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 4-Chloroaniline             | 40    | 13     | ug/L | 33  |     |      |      | 0      | 0    |     |
|               | Hexachlorobutadiene         | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | Caprolactam                 | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | 4-Chloro-3-methylphenol     | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 1-Methylnaphthalene         | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 2-Methylnaphthalene         | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Hexachlorocyclopentadiene   | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 2,4,6-Trichlorophenol       | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2,4,5-Trichlorophenol       | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 1,1'-Biphenyl               | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 2-Chloronaphthalene         | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 2-Nitroaniline              | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Dimethylphthalate           | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2,6-Dinitrotoluene          | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Acenaphthylene              | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 3-Nitroaniline              | 40    | 24     | ug/L | 60  |     |      |      | 0      | 0    |     |
|               | Acenaphthene                | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrophenol           | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | 4-Nitrophenol               | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Dibenzofuran                | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrotoluene          | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Diethylphthalate            | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Fluorene                    | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 4-Chlorophenyl-phenylether  | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 4-Nitroaniline              | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN120624

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |      |     |     |      | Qual | Low | High   |  |     |
| PB165398BS    | 4,6-Dinitro-2-methylphenol | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | N-Nitrosodiphenylamine     | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 4-Bromophenyl-phenylether  | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobenzene          | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Atrazine                   | 40    |        | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Pentachlorophenol          | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Phenanthrene               | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorobenzene         | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Anthracene                 | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 1,2,3,4-Tetrachlorobenzene | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Carbazole                  | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Di-n-butylphthalate        | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Fluoranthene               | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Pyrene                     | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Butylbenzylphthalate       | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | 3,3'-Dichlorobenzidine     | 40    | 18     | ug/L | 45  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)anthracene         | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Chrysene                   | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-ethylhexyl)phthalate | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | Di-n-octylphthalate        | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |  |     |
|               | Benzo(b)fluoranthene       | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Benzo(k)fluoranthene       | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)pyrene             | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Dibenzo(a,h)anthracene     | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Benzo(g,h,i)perylene       | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN120624

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD |      |      | Limits |      |     |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                             |       |        |      |     | RPD | Qual | Qual | Low    | High | RPD |
| PB165400BS    | 1,4-Dioxane                 | 16    | 9.4    | ug/L | 59  |     |      |      | 0      | 0    |     |
|               | Benzaldehyde                | 40    | 7.9    | ug/L | 20  |     |      |      | 0      | 0    |     |
|               | Pyridine                    | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Phenol                      | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethyl)ether     | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 2-Chlorophenol              | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 2-Methylphenol              | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | 2,2-oxybis(1-Chloropropane) | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Acetophenone                | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 4-Methylphenol              | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | N-Nitroso-di-n-propylamine  | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Hexachloroethane            | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Nitrobenzene                | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Isophorone                  | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2-Nitrophenol               | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | 2,4-Dimethylphenol          | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethoxy)methane  | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2,4-Dichlorophenol          | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Naphthalene                 | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 4-Chloroaniline             | 40    | 13     | ug/L | 33  |     |      |      | 0      | 0    |     |
|               | Hexachlorobutadiene         | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | Caprolactam                 | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | 4-Chloro-3-methylphenol     | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 1-Methylnaphthalene         | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 2-Methylnaphthalene         | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Hexachlorocyclopentadiene   | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 2,4,6-Trichlorophenol       | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2,4,5-Trichlorophenol       | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 1,1'-Biphenyl               | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 2-Chloronaphthalene         | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 2-Nitroaniline              | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Dimethylphthalate           | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2,6-Dinitrotoluene          | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Acenaphthylene              | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 3-Nitroaniline              | 40    | 25     | ug/L | 63  |     |      |      | 0      | 0    |     |
|               | Acenaphthene                | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrophenol           | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 4-Nitrophenol               | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | Dibenzofuran                | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrotoluene          | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Diethylphthalate            | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Fluorene                    | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 4-Chlorophenyl-phenylether  | 40    | 25     | ug/L | 63  |     |      |      | 0      | 0    |     |
|               | 4-Nitroaniline              | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN120624

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |      |     |     |      | Qual | Low | High   |  |     |
| PB165400BS    | 4,6-Dinitro-2-methylphenol | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | N-Nitrosodiphenylamine     | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 4-Bromophenyl-phenylether  | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobenzene          | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Atrazine                   | 40    |        | ug/L | 0   |     |      |      | 0   | 0      |  |     |
|               | Pentachlorophenol          | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Phenanthrene               | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorobenzene         | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Anthracene                 | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 1,2,3,4-Tetrachlorobenzene | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Carbazole                  | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Di-n-butylphthalate        | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Fluoranthene               | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Pyrene                     | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Butylbenzylphthalate       | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | 3,3'-Dichlorobenzidine     | 40    | 18     | ug/L | 45  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)anthracene         | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Chrysene                   | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-ethylhexyl)phthalate | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |  |     |
|               | Di-n-octylphthalate        | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | Benzo(b)fluoranthene       | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Benzo(k)fluoranthene       | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)pyrene             | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Dibenzo(a,h)anthracene     | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Benzo(g,h,i)perylene       | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK386

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN120624

SAS No.: BN120624 SDG NO.: BN120624

Lab File ID: BN035425.D

Lab Sample ID: PB165386BL

Instrument ID: BNA\_N

Date Extracted: 12/04/2024

Matrix: (soil/water) Water

Date Analyzed: 12/05/2024

Level: (low/med) LOW

Time Analyzed: 13:51

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 |
|-------------------|------------------|----------------|------------------|
| PB165386BS        | PB165386BS       | BN035438.D     | 12/05/2024       |
| BH437             | P5104-01         | BN035427.D     | 12/05/2024       |
| BHJ60             | P5104-03         | BN035428.D     | 12/05/2024       |
| BHJ61             | P5104-04         | BN035429.D     | 12/05/2024       |
| BHJ62             | P5104-05         | BN035430.D     | 12/05/2024       |
| BHJ63             | P5104-06         | BN035431.D     | 12/05/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK388

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN120624

SAS No.: BN120624 SDG NO.: BN120624

Lab File ID: BN035426.D

Lab Sample ID: PB165388BL

Instrument ID: BNA\_N

Date Extracted: 12/04/2024

Matrix: (soil/water) Water

Date Analyzed: 12/05/2024

Level: (low/med) LOW

Time Analyzed: 14:30

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 |
|-------------------|------------------|----------------|------------------|
| BHJ64             | P5104-07         | BN035432.D     | 12/05/2024       |
| BHJ65             | P5104-08         | BN035433.D     | 12/05/2024       |
| BHJ66             | P5104-09         | BN035434.D     | 12/05/2024       |
| BHJ67             | P5104-10         | BN035435.D     | 12/05/2024       |
| BHJ68             | P5104-11         | BN035436.D     | 12/05/2024       |
| PB165388BS        | PB165388BS       | BN035437.D     | 12/05/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK398

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN120624

SAS No.: BN120624 SDG NO.: BN120624

Lab File ID: BN035440.D

Lab Sample ID: PB165398BL

Instrument ID: BNA\_N

Date Extracted: 12/05/2024

Matrix: (soil/water) Water

Date Analyzed: 12/06/2024

Level: (low/med) LOW

Time Analyzed: 00:15

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 |
|-------------------|------------------|----------------|------------------|
| BHJ69             | P5104-12         | BN035442.D     | 12/06/2024       |
| BHJ70             | P5104-13         | BN035443.D     | 12/06/2024       |
| BHJ71             | P5104-14         | BN035447.D     | 12/06/2024       |
| BHJ72             | P5104-15         | BN035448.D     | 12/06/2024       |
| BHJ73             | P5104-16         | BN035449.D     | 12/06/2024       |
| PB165398BS        | PB165398BS       | BN035451.D     | 12/06/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK400

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BN120624

SAS No.: BN120624 SDG NO.: BN120624

Lab File ID: BN035441.D

Lab Sample ID: PB165400BL

Instrument ID: BNA\_N

Date Extracted: 12/05/2024

Matrix: (soil/water) Water

Date Analyzed: 12/06/2024

Level: (low/med) LOW

Time Analyzed: 00:54

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 |
|-------------------|------------------|----------------|------------------|
| BHJ96             | P5104-20         | BN035444.D     | 12/06/2024       |
| BHJ96MS           | P5104-21MS       | BN035445.D     | 12/06/2024       |
| BHJ96MSD          | P5104-22MSD      | BN035446.D     | 12/06/2024       |
| PB165400BS        | PB165400BS       | BN035450.D     | 12/06/2024       |

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

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BN120624

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

**Analytical Method:** SFAM\_SVOC

| Parameter                   | Spike             | Sample Result            | Result         | Units | Rec | Rec Qual | RPD              | RPD Qual          | Low | Limits High | RPD |
|-----------------------------|-------------------|--------------------------|----------------|-------|-----|----------|------------------|-------------------|-----|-------------|-----|
| <b>Lab Sample ID:</b>       | <b>P5104-21MS</b> | <b>Client Sample ID:</b> | <b>BHJ96MS</b> |       |     |          | <b>DataFile:</b> | <b>BN035445.D</b> |     |             |     |
| 1,4-Dioxane                 | 16                |                          | 4.1            | ug/L  | 26  |          |                  |                   | 15  | 120         |     |
| Benzaldehyde                | 40                |                          | 18             | ug/L  | 45  |          |                  |                   | 0   | 0           |     |
| Pyridine                    | 40                |                          | 6.2            | ug/L  | 16  |          |                  |                   | 0   | 0           |     |
| Phenol                      | 40                |                          | 11             | ug/L  | 28  |          |                  |                   | 12  | 110         |     |
| Bis(2-chloroethyl)ether     | 40                |                          | 27             | ug/L  | 68  |          |                  |                   | 0   | 0           |     |
| 2-Chlorophenol              | 40                |                          | 25             | ug/L  | 63  |          |                  |                   | 27  | 123         |     |
| 2-Methylphenol              | 40                |                          | 24             | ug/L  | 60  |          |                  |                   | 0   | 0           |     |
| 2,2-oxybis(1-Chloropropane) | 40                |                          | 26             | ug/L  | 65  |          |                  |                   | 0   | 0           |     |
| Acetophenone                | 40                |                          | 28             | ug/L  | 70  |          |                  |                   | 0   | 0           |     |
| 4-Methylphenol              | 40                |                          | 22             | ug/L  | 55  |          |                  |                   | 0   | 0           |     |
| N-Nitroso-di-n-propylamine  | 40                |                          | 27             | ug/L  | 68  |          |                  |                   | 41  | 116         |     |
| Hexachloroethane            | 40                |                          | 23             | ug/L  | 58  |          |                  |                   | 0   | 0           |     |
| Nitrobenzene                | 40                |                          | 28             | ug/L  | 70  |          |                  |                   | 0   | 0           |     |
| Isophorone                  | 40                |                          | 28             | ug/L  | 70  |          |                  |                   | 0   | 0           |     |
| 2-Nitrophenol               | 40                |                          | 29             | ug/L  | 73  |          |                  |                   | 0   | 0           |     |
| 2,4-Dimethylphenol          | 40                |                          | 24             | ug/L  | 60  |          |                  |                   | 0   | 0           |     |
| Bis(2-chloroethoxy)methane  | 40                |                          | 27             | ug/L  | 68  |          |                  |                   | 0   | 0           |     |
| 2,4-Dichlorophenol          | 40                |                          | 28             | ug/L  | 70  |          |                  |                   | 0   | 0           |     |
| Naphthalene                 | 40                |                          | 26             | ug/L  | 65  |          |                  |                   | 0   | 0           |     |
| 4-Chloroaniline             | 40                |                          | 11             | ug/L  | 28  |          |                  |                   | 0   | 0           |     |
| Hexachlorobutadiene         | 40                |                          | 26             | ug/L  | 65  |          |                  |                   | 0   | 0           |     |
| Caprolactam                 | 40                |                          | 4.2            | ug/L  | 11  |          |                  |                   | 0   | 0           |     |
| 4-Chloro-3-methylphenol     | 40                |                          | 29             | ug/L  | 73  |          |                  |                   | 23  | 97          |     |
| 1-Methylnaphthalene         | 40                |                          | 26             | ug/L  | 65  |          |                  |                   | 0   | 0           |     |
| 2-Methylnaphthalene         | 40                |                          | 27             | ug/L  | 68  |          |                  |                   | 0   | 0           |     |
| Hexachlorocyclopentadiene   | 40                |                          | 23             | ug/L  | 58  |          |                  |                   | 0   | 0           |     |
| 2,4,6-Trichlorophenol       | 40                |                          | 29             | ug/L  | 73  |          |                  |                   | 0   | 0           |     |
| 2,4,5-Trichlorophenol       | 40                |                          | 30             | ug/L  | 75  |          |                  |                   | 0   | 0           |     |
| 1,1'-Biphenyl               | 40                |                          | 27             | ug/L  | 68  |          |                  |                   | 0   | 0           |     |
| 2-Chloronaphthalene         | 40                |                          | 27             | ug/L  | 68  |          |                  |                   | 0   | 0           |     |
| 2-Nitroaniline              | 40                |                          | 36             | ug/L  | 90  |          |                  |                   | 0   | 0           |     |
| Dimethylphthalate           | 40                |                          | 30             | ug/L  | 75  |          |                  |                   | 0   | 0           |     |
| 2,6-Dinitrotoluene          | 40                |                          | 36             | ug/L  | 90  |          |                  |                   | 0   | 0           |     |
| Acenaphthylene              | 40                |                          | 28             | ug/L  | 70  |          |                  |                   | 0   | 0           |     |
| 3-Nitroaniline              | 40                |                          | 29             | ug/L  | 73  |          |                  |                   | 0   | 0           |     |
| Acenaphthene                | 40                |                          | 28             | ug/L  | 70  |          |                  |                   | 46  | 118         |     |
| 2,4-Dinitrophenol           | 40                |                          | 36             | ug/L  | 90  |          |                  |                   | 0   | 0           |     |
| 4-Nitrophenol               | 40                |                          | 11             | ug/L  | 28  |          |                  |                   | 10  | 80          |     |
| Dibenzofuran                | 40                |                          | 28             | ug/L  | 70  |          |                  |                   | 0   | 0           |     |
| 2,4-Dinitrotoluene          | 40                |                          | 35             | ug/L  | 88  |          |                  |                   | 24  | 96          |     |
| Diethylphthalate            | 40                |                          | 31             | ug/L  | 78  |          |                  |                   | 0   | 0           |     |
| Fluorene                    | 40                |                          | 29             | ug/L  | 73  |          |                  |                   | 0   | 0           |     |
| 4-Chlorophenyl-phenylether  | 40                |                          | 28             | ug/L  | 70  |          |                  |                   | 0   | 0           |     |
| 4-Nitroaniline              | 40                |                          | 38             | ug/L  | 95  |          |                  |                   | 0   | 0           |     |
| 4,6-Dinitro-2-methylphenol  | 40                |                          | 37             | ug/L  | 93  |          |                  |                   | 0   | 0           |     |
| N-Nitrosodiphenylamine      | 40                |                          | 32             | ug/L  | 80  |          |                  |                   | 0   | 0           |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BN120624

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

**Analytical Method:** SFAM\_SVOC

| Parameter                  | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|----------------------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| 1,2,4,5-Tetrachlorobenzene | 40    |                  | 27     | ug/L  | 68  |             |     |             | 0   | 0              |     |
| 4-Bromophenyl-phenylether  | 40    |                  | 32     | ug/L  | 80  |             |     |             | 0   | 0              |     |
| Hexachlorobenzene          | 40    |                  | 31     | ug/L  | 78  |             |     |             | 0   | 0              |     |
| Atrazine                   | 40    |                  |        | ug/L  | 0   |             |     |             | 0   | 0              |     |
| Pentachlorophenol          | 40    |                  | 32     | ug/L  | 80  |             |     |             | 9   | 103            |     |
| Phenanthrene               | 40    |                  | 31     | ug/L  | 78  |             |     |             | 0   | 0              |     |
| Pentachlorobenzene         | 40    |                  | 30     | ug/L  | 75  |             |     |             | 0   | 0              |     |
| Anthracene                 | 40    |                  | 30     | ug/L  | 75  |             |     |             | 0   | 0              |     |
| 1,2,3,4-Tetrachlorobenzene | 40    |                  | 28     | ug/L  | 70  |             |     |             | 0   | 0              |     |
| Carbazole                  | 40    |                  | 34     | ug/L  | 85  |             |     |             | 0   | 0              |     |
| Di-n-butylphthalate        | 40    |                  | 34     | ug/L  | 85  |             |     |             | 0   | 0              |     |
| Fluoranthene               | 40    |                  | 30     | ug/L  | 75  |             |     |             | 0   | 0              |     |
| Pyrene                     | 40    |                  | 30     | ug/L  | 75  |             |     |             | 26  | 127            |     |
| Butylbenzylphthalate       | 40    |                  | 36     | ug/L  | 90  |             |     |             | 0   | 0              |     |
| 3,3'-Dichlorobenzidine     | 40    |                  | 33     | ug/L  | 83  |             |     |             | 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    |                  | 36     | ug/L  | 90  |             |     |             | 0   | 0              |     |
| Di-n-octylphthalate        | 40    |                  | 35     | ug/L  | 88  |             |     |             | 0   | 0              |     |
| Benzo(b)fluoranthene       | 40    |                  | 32     | ug/L  | 80  |             |     |             | 0   | 0              |     |
| Benzo(k)fluoranthene       | 40    |                  | 30     | ug/L  | 75  |             |     |             | 0   | 0              |     |
| Benzo(a)pyrene             | 40    |                  | 31     | ug/L  | 78  |             |     |             | 0   | 0              |     |
| Indeno(1,2,3-cd)pyrene     | 40    |                  | 32     | ug/L  | 80  |             |     |             | 0   | 0              |     |
| Dibenzo(a,h)anthracene     | 40    |                  | 31     | ug/L  | 78  |             |     |             | 0   | 0              |     |
| Benzo(g,h,i)perylene       | 40    |                  | 31     | ug/L  | 78  |             |     |             | 0   | 0              |     |
| 2,3,4,6-Tetrachlorophenol  | 40    |                  | 30     | ug/L  | 75  |             |     |             | 0   | 0              |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BN120624

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

**Analytical Method:** SFAM\_SVOC

| Parameter                   | Spike              | Sample Result            | Result          | Units | Rec | Rec Qual | RPD              | RPD Qual          | Low | Limits High | RPD |
|-----------------------------|--------------------|--------------------------|-----------------|-------|-----|----------|------------------|-------------------|-----|-------------|-----|
| <b>Lab Sample ID:</b>       | <b>P5104-22MSD</b> | <b>Client Sample ID:</b> | <b>BHJ96MSD</b> |       |     |          | <b>DataFile:</b> | <b>BN035446.D</b> |     |             |     |
| 1,4-Dioxane                 | 16                 |                          | 4.1             | ug/L  | 26  | 0        |                  |                   | 15  | 120         | 50  |
| Benzaldehyde                | 40                 |                          | 19              | ug/L  | 48  | 6        | *                |                   | 0   | 0           | 0   |
| Pyridine                    | 40                 |                          | 6.6             | ug/L  | 17  | 6        | *                |                   | 0   | 0           | 0   |
| Phenol                      | 40                 |                          | 12              | ug/L  | 30  | 7        |                  |                   | 12  | 110         | 42  |
| Bis(2-chloroethyl)ether     | 40                 |                          | 29              | ug/L  | 73  | 7        | *                |                   | 0   | 0           | 0   |
| 2-Chlorophenol              | 40                 |                          | 26              | ug/L  | 65  | 3        |                  |                   | 27  | 123         | 40  |
| 2-Methylphenol              | 40                 |                          | 26              | ug/L  | 65  | 8        | *                |                   | 0   | 0           | 0   |
| 2,2-oxybis(1-Chloropropane) | 40                 |                          | 28              | ug/L  | 70  | 7        | *                |                   | 0   | 0           | 0   |
| Acetophenone                | 40                 |                          | 30              | ug/L  | 75  | 7        | *                |                   | 0   | 0           | 0   |
| 4-Methylphenol              | 40                 |                          | 24              | ug/L  | 60  | 9        | *                |                   | 0   | 0           | 0   |
| N-Nitroso-di-n-propylamine  | 40                 |                          | 29              | ug/L  | 73  | 7        |                  |                   | 41  | 116         | 38  |
| Hexachloroethane            | 40                 |                          | 24              | ug/L  | 60  | 3        | *                |                   | 0   | 0           | 0   |
| Nitrobenzene                | 40                 |                          | 31              | ug/L  | 78  | 11       | *                |                   | 0   | 0           | 0   |
| Isophorone                  | 40                 |                          | 30              | ug/L  | 75  | 7        | *                |                   | 0   | 0           | 0   |
| 2-Nitrophenol               | 40                 |                          | 31              | ug/L  | 78  | 7        | *                |                   | 0   | 0           | 0   |
| 2,4-Dimethylphenol          | 40                 |                          | 26              | ug/L  | 65  | 8        | *                |                   | 0   | 0           | 0   |
| Bis(2-chloroethoxy)methane  | 40                 |                          | 29              | ug/L  | 73  | 7        | *                |                   | 0   | 0           | 0   |
| 2,4-Dichlorophenol          | 40                 |                          | 30              | ug/L  | 75  | 7        | *                |                   | 0   | 0           | 0   |
| Naphthalene                 | 40                 |                          | 27              | ug/L  | 68  | 5        | *                |                   | 0   | 0           | 0   |
| 4-Chloroaniline             | 40                 |                          | 11              | ug/L  | 28  | 0        |                  |                   | 0   | 0           | 0   |
| Hexachlorobutadiene         | 40                 |                          | 26              | ug/L  | 65  | 0        |                  |                   | 0   | 0           | 0   |
| Caprolactam                 | 40                 |                          | 4.7             | ug/L  | 12  | 9        | *                |                   | 0   | 0           | 0   |
| 4-Chloro-3-methylphenol     | 40                 |                          | 32              | ug/L  | 80  | 9        |                  |                   | 23  | 97          | 42  |
| 1-Methylnaphthalene         | 40                 |                          | 28              | ug/L  | 70  | 7        | *                |                   | 0   | 0           | 0   |
| 2-Methylnaphthalene         | 40                 |                          | 29              | ug/L  | 73  | 7        | *                |                   | 0   | 0           | 0   |
| Hexachlorocyclopentadiene   | 40                 |                          | 25              | ug/L  | 63  | 8        | *                |                   | 0   | 0           | 0   |
| 2,4,6-Trichlorophenol       | 40                 |                          | 31              | ug/L  | 78  | 7        | *                |                   | 0   | 0           | 0   |
| 2,4,5-Trichlorophenol       | 40                 |                          | 32              | ug/L  | 80  | 6        | *                |                   | 0   | 0           | 0   |
| 1,1'-Biphenyl               | 40                 |                          | 29              | ug/L  | 73  | 7        | *                |                   | 0   | 0           | 0   |
| 2-Chloronaphthalene         | 40                 |                          | 29              | ug/L  | 73  | 7        | *                |                   | 0   | 0           | 0   |
| 2-Nitroaniline              | 40                 |                          | 39              | ug/L  | 98  | 9        | *                |                   | 0   | 0           | 0   |
| Dimethylphthalate           | 40                 |                          | 33              | ug/L  | 83  | 10       | *                |                   | 0   | 0           | 0   |
| 2,6-Dinitrotoluene          | 40                 |                          | 39              | ug/L  | 98  | 9        | *                |                   | 0   | 0           | 0   |
| Acenaphthylene              | 40                 |                          | 30              | ug/L  | 75  | 7        | *                |                   | 0   | 0           | 0   |
| 3-Nitroaniline              | 40                 |                          | 32              | ug/L  | 80  | 9        | *                |                   | 0   | 0           | 0   |
| Acenaphthene                | 40                 |                          | 31              | ug/L  | 78  | 11       |                  |                   | 46  | 118         | 31  |
| 2,4-Dinitrophenol           | 40                 |                          | 39              | ug/L  | 98  | 9        | *                |                   | 0   | 0           | 0   |
| 4-Nitrophenol               | 40                 |                          | 11              | ug/L  | 28  | 0        |                  |                   | 10  | 80          | 50  |
| Dibenzofuran                | 40                 |                          | 31              | ug/L  | 78  | 11       | *                |                   | 0   | 0           | 0   |
| 2,4-Dinitrotoluene          | 40                 |                          | 38              | ug/L  | 95  | 8        |                  |                   | 24  | 96          | 38  |
| Diethylphthalate            | 40                 |                          | 33              | ug/L  | 83  | 6        | *                |                   | 0   | 0           | 0   |
| Fluorene                    | 40                 |                          | 30              | ug/L  | 75  | 3        | *                |                   | 0   | 0           | 0   |
| 4-Chlorophenyl-phenylether  | 40                 |                          | 30              | ug/L  | 75  | 7        | *                |                   | 0   | 0           | 0   |
| 4-Nitroaniline              | 40                 |                          | 39              | ug/L  | 98  | 3        | *                |                   | 0   | 0           | 0   |
| 4,6-Dinitro-2-methylphenol  | 40                 |                          | 38              | ug/L  | 95  | 2        | *                |                   | 0   | 0           | 0   |
| N-Nitrosodiphenylamine      | 40                 |                          | 33              | ug/L  | 83  | 4        | *                |                   | 0   | 0           | 0   |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BN120624

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

**Analytical Method:** SFAM\_SVOC

| Parameter                  | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|----------------------------|-------|---------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| 1,2,4,5-Tetrachlorobenzene | 40    |               | 29     | ug/L  | 73  | 7        | *   |          | 0   | 0           | 0   |
| 4-Bromophenyl-phenylether  | 40    |               | 33     | ug/L  | 83  | 4        | *   |          | 0   | 0           | 0   |
| Hexachlorobenzene          | 40    |               | 34     | ug/L  | 85  | 9        | *   |          | 0   | 0           | 0   |
| Atrazine                   | 40    |               | 0      | ug/L  | 0   |          |     |          | 0   | 0           | 0   |
| Pentachlorophenol          | 40    |               | 35     | ug/L  | 88  | 10       |     |          | 9   | 103         | 50  |
| Phenanthrene               | 40    |               | 33     | ug/L  | 83  | 6        | *   |          | 0   | 0           | 0   |
| Pentachlorobenzene         | 40    |               | 33     | ug/L  | 83  | 10       | *   |          | 0   | 0           | 0   |
| Anthracene                 | 40    |               | 32     | ug/L  | 80  | 6        | *   |          | 0   | 0           | 0   |
| 1,2,3,4-Tetrachlorobenzene | 40    |               | 30     | ug/L  | 75  | 7        | *   |          | 0   | 0           | 0   |
| Carbazole                  | 40    |               | 36     | ug/L  | 90  | 6        | *   |          | 0   | 0           | 0   |
| Di-n-butylphthalate        | 40    |               | 36     | ug/L  | 90  | 6        | *   |          | 0   | 0           | 0   |
| Fluoranthene               | 40    |               | 33     | ug/L  | 83  | 10       | *   |          | 0   | 0           | 0   |
| Pyrene                     | 40    |               | 34     | ug/L  | 85  | 13       |     |          | 26  | 127         | 31  |
| Butylbenzylphthalate       | 40    |               | 41     | ug/L  | 103 | 13       | *   |          | 0   | 0           | 0   |
| 3,3'-Dichlorobenzidine     | 40    |               | 36     | ug/L  | 90  | 8        | *   |          | 0   | 0           | 0   |
| Benzo(a)anthracene         | 40    |               | 33     | ug/L  | 83  | 6        | *   |          | 0   | 0           | 0   |
| Chrysene                   | 40    |               | 33     | ug/L  | 83  | 6        | *   |          | 0   | 0           | 0   |
| Bis(2-ethylhexyl)phthalate | 40    |               | 39     | ug/L  | 98  | 9        | *   |          | 0   | 0           | 0   |
| Di-n-octylphthalate        | 40    |               | 38     | ug/L  | 95  | 8        | *   |          | 0   | 0           | 0   |
| Benzo(b)fluoranthene       | 40    |               | 34     | ug/L  | 85  | 6        | *   |          | 0   | 0           | 0   |
| Benzo(k)fluoranthene       | 40    |               | 33     | ug/L  | 83  | 10       | *   |          | 0   | 0           | 0   |
| Benzo(a)pyrene             | 40    |               | 34     | ug/L  | 85  | 9        | *   |          | 0   | 0           | 0   |
| Indeno(1,2,3-cd)pyrene     | 40    |               | 34     | ug/L  | 85  | 6        | *   |          | 0   | 0           | 0   |
| Dibenzo(a,h)anthracene     | 40    |               | 34     | ug/L  | 85  | 9        | *   |          | 0   | 0           | 0   |
| Benzo(g,h,i)perylene       | 40    |               | 34     | ug/L  | 85  | 9        | *   |          | 0   | 0           | 0   |
| 2,3,4,6-Tetrachlorophenol  | 40    |               | 33     | ug/L  | 83  | 10       | *   |          | 0   | 0           | 0   |

## Surrogate Summary

SW-846

SDG No.: BN120624

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P5104-01      | BHJ37     | BN035427.D | 1,4-Dioxane-d8                | 8              | 4.76            | 59           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 6.02            | 15           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 7.04            | 18           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 28.36           | 71           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 23.83           | 60           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 17.11           | 43           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 28.81           | 72           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 29.44           | 74           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 27.10           | 68           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 22.27           | 56           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 30.58           | 76           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 28.69           | 72           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 5.32            | 13           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 29.54           | 74           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 25.89           | 65           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 32.23           | 81           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 31.12           | 78           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 31.98           | 80           |      | 20         | 130  |
| P5104-03      | BHJ60     | BN035428.D | 1,4-Dioxane-d8                | 8              | 4.20            | 52           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 4.27            | 11           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 9.01            | 23           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 28.76           | 72           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 24.55           | 61           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 20.52           | 51           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 29.72           | 74           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 31.11           | 78           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 27.61           | 69           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 17.40           | 44           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 30.28           | 76           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 28.50           | 71           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 6.34            | 16           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 29.44           | 74           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 27.98           | 70           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 31.11           | 78           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 30.84           | 77           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 31.83           | 80           |      | 20         | 130  |
| P5104-04      | BHJ61     | BN035429.D | 1,4-Dioxane-d8                | 8              | 4.12            | 52           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 5.00            | 12           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 8.60            | 21           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 30.16           | 75           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 26.56           | 66           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 20.18           | 50           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 32.22           | 81           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 32.63           | 82           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 29.75           | 74           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 19.35           | 48           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 33.82           | 85           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 30.29           | 76           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 7.23            | 18           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BN120624

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P5104-04      | BHJ61      | BN035429.D | Fluorene-d10                  | 40             | 32.08           | 80           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 30.66           | 77           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 33.89           | 85           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 33.16           | 83           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 35.09           | 88           |      | 20         | 130  |
| P5104-05      | BHJ62      | BN035430.D | 1,4-Dioxane-d8                | 8              | 4.38            | 55           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 7.13            | 18           | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 7.53            | 19           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 27.74           | 69           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 24.06           | 60           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 17.89           | 45           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 28.54           | 71           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 29.06           | 73           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 26.15           | 65           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 25.89           | 65           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 31.40           | 78           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 28.67           | 72           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 5.92            | 15           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 30.37           | 76           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 27.16           | 68           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 33.29           | 83           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 32.19           | 80           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 33.11           | 83           |      | 20         | 130  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 4.31            | 54           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 1.40            | 4            | *    | 20         | 120  |
| P5104-06      | BHJ63      | BN035431.D | Phenol-d5                     | 40             | 7.86            | 20           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 31.98           | 80           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 26.99           | 67           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 19.37           | 48           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 33.60           | 84           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 34.25           | 86           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 30.61           | 77           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 22.79           | 57           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 36.10           | 90           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 32.88           | 82           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 6.50            | 16           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 34.65           | 87           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 32.22           | 81           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 36.15           | 90           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 35.06           | 88           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 37.63           | 94           |      | 20         | 130  |
| PB165386BL    | PB165386BL | BN035425.D | 1,4-Dioxane-d8                | 8              | 5.04            | 63           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 25.14           | 63           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 23.70           | 59           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 25.31           | 63           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 23.94           | 60           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 23.72           | 59           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 25.13           | 63           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 25.60           | 64           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: BN120624

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| PB165386BL    | PB165386BL | BN035425.D | 2,4-Dichlorophenol-d3         | 40             | 23.22           | 58           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 26.04           | 65           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 25.97           | 65           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 25.04           | 63           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 21.25           | 53           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 25.51           | 64           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 20.61           | 52           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 26.21           | 66           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 25.36           | 63           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 25.77           | 64           |      | 20         | 130  |
| PB165386BS    | PB165386BS | BN035438.D | 1,4-Dioxane-d8                | 8              | 4.95            | 62           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 26.65           | 67           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 28.00           | 70           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 27.02           | 68           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 27.25           | 68           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 27.60           | 69           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 29.40           | 73           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 29.70           | 74           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 28.37           | 71           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 24.85           | 62           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 27.19           | 68           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 26.76           | 67           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 29.29           | 73           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 26.00           | 65           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 30.49           | 76           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 26.61           | 67           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 27.21           | 68           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 28.03           | 70           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: BN120624

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P5104-07      | BHJ64     | BN035432.D | 1,4-Dioxane-d8                | 8              | 4.20            | 53           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 7.69            | 19           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 7.69            | 19           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 28.01           | 70           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 23.69           | 59           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 18.64           | 47           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 28.73           | 72           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 29.88           | 75           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 26.48           | 66           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 25.29           | 63           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 30.62           | 77           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 28.62           | 72           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 5.58            | 14           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 30.25           | 76           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 27.63           | 69           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 33.31           | 83           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 32.56           | 81           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 34.35           | 86           |      | 20         | 130  |
| P5104-08      | BHJ65     | BN035433.D | 1,4-Dioxane-d8                | 8              | 4.92            | 62           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 8.09            | 20           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 8.31            | 21           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 29.34           | 73           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 25.38           | 63           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 19.14           | 48           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 29.69           | 74           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 31.04           | 78           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 27.44           | 69           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 26.16           | 65           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 32.64           | 82           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 30.45           | 76           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 6.53            | 16           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 32.29           | 81           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 27.99           | 70           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 34.23           | 86           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 32.84           | 82           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 33.99           | 85           |      | 20         | 130  |
| P5104-09      | BHJ66     | BN035434.D | 1,4-Dioxane-d8                | 8              | 4.26            | 53           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 5.17            | 13           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 11.01           | 28           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 28.58           | 71           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 25.41           | 64           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 21.94           | 55           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 29.34           | 73           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 30.49           | 76           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 26.92           | 67           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 17.02           | 43           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 31.71           | 79           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 28.90           | 72           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 6.31            | 16           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BN120624

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P5104-09      | BHJ66      | BN035434.D | Fluorene-d10                  | 40             | 30.27           | 76           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 27.40           | 69           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 32.24           | 81           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 31.28           | 78           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 32.37           | 81           |      | 20         | 130  |
| P5104-10      | BHJ67      | BN035435.D | 1,4-Dioxane-d8                | 8              | 3.97            | 50           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 4.17            | 10           | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 6.44            | 16           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 25.66           | 64           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 21.81           | 55           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 15.14           | 38           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 26.57           | 66           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 27.18           | 68           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 24.75           | 62           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 10.37           | 26           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 28.04           | 70           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 25.94           | 65           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 5.37            | 13           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 27.24           | 68           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 24.34           | 61           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 29.26           | 73           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 28.94           | 72           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 29.65           | 74           |      | 20         | 130  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 4.64            | 58           | *    | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 6.58            | 16           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 8.12            | 20           |      | 10         | 130  |
| P5104-11      | BHJ68      | BN035436.D | Bis(2-Chloroethyl)ether-d8    | 40             | 32.34           | 81           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 28.17           | 70           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 19.47           | 49           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 33.17           | 83           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 34.14           | 85           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 30.48           | 76           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 25.90           | 65           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 34.96           | 87           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 32.85           | 82           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 6.67            | 17           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 33.57           | 84           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 31.18           | 78           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 35.80           | 90           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 34.15           | 85           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 36.66           | 92           |      | 20         | 130  |
| PB165388BL    | PB165388BL | BN035426.D | 1,4-Dioxane-d8                | 8              | 5.60            | 70           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 27.37           | 68           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 25.65           | 64           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 28.02           | 70           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 26.21           | 66           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 25.90           | 65           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 27.20           | 68           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 27.73           | 69           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: BN120624

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| PB165388BL    | PB165388BL | BN035426.D | 2,4-Dichlorophenol-d3         | 40             | 25.23           | 63           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 27.90           | 70           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 27.92           | 70           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 27.00           | 67           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 22.43           | 56           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 26.60           | 67           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 20.85           | 52           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 28.17           | 70           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 27.83           | 70           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 27.92           | 70           |      | 20         | 130  |
| PB165388BS    | PB165388BS | BN035437.D | 1,4-Dioxane-d8                | 8              | 5.08            | 64           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 26.81           | 67           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 28.15           | 70           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 27.40           | 68           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 27.33           | 68           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 28.36           | 71           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 27.86           | 70           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 28.76           | 72           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 28.23           | 71           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 22.53           | 56           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 27.23           | 68           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 26.59           | 66           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 28.97           | 72           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 25.94           | 65           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 29.66           | 74           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 26.72           | 67           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 26.85           | 67           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 27.70           | 69           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: BN120624

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P5104-12      | BHJ69     | BN035442.D | 1,4-Dioxane-d8                | 8              | 4.47            | 56           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 4.01            | 10           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 6.14            | 15           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 27.34           | 68           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 22.87           | 57           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 15.45           | 39           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 28.68           | 72           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 29.24           | 73           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 26.56           | 66           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 19.29           | 48           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 30.11           | 75           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 27.55           | 69           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 4.88            | 12           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 29.41           | 74           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 27.48           | 69           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 31.00           | 78           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 29.93           | 75           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 30.86           | 77           |      | 20         | 130  |
| P5104-13      | BHJ70     | BN035443.D | 1,4-Dioxane-d8                | 8              | 4.20            | 53           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 7.89            | 20           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 6.57            | 16           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 24.87           | 62           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 21.51           | 54           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 15.25           | 38           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 25.71           | 64           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 25.69           | 64           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 23.67           | 59           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 23.08           | 58           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 28.25           | 71           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 25.87           | 65           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 5.29            | 13           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 27.72           | 69           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 24.30           | 61           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 28.99           | 72           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 29.03           | 73           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 29.73           | 74           |      | 20         | 130  |
| P5104-14      | BHJ71     | BN035447.D | 1,4-Dioxane-d8                | 8              | 4.31            | 54           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 4.64            | 12           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 7.06            | 18           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 28.55           | 71           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 24.48           | 61           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 17.74           | 44           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 30.31           | 76           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 31.53           | 79           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 28.11           | 70           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 20.56           | 51           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 33.54           | 84           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 30.29           | 76           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 6.47            | 16           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BN120624

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P5104-14      | BHJ71      | BN035447.D | Fluorene-d10                  | 40             | 31.54           | 79           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 31.31           | 78           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 34.25           | 86           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 34.51           | 86           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 36.66           | 92           |      | 20         | 130  |
| P5104-15      | BHJ72      | BN035448.D | 1,4-Dioxane-d8                | 8              | 4.64            | 58           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 3.86            | 10           | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 6.81            | 17           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 28.07           | 70           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 23.72           | 59           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 16.32           | 41           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 28.92           | 72           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 29.53           | 74           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 26.57           | 66           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 22.86           | 57           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 31.23           | 78           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 28.72           | 72           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 5.79            | 14           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 30.31           | 76           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 28.99           | 72           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 32.29           | 81           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 32.62           | 82           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 33.86           | 85           |      | 20         | 130  |
| P5104-16      | BHJ73      | BN035449.D | 1,4-Dioxane-d8                | 8              | 4.00            | 50           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 5.14            | 13           | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 6.68            | 17           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 28.34           | 71           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 23.80           | 59           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 16.34           | 41           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 29.33           | 73           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 29.95           | 75           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 27.35           | 68           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 16.30           | 41           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 29.88           | 75           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 28.87           | 72           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 5.55            | 14           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 29.81           | 75           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 28.76           | 72           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 32.23           | 81           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 31.23           | 78           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 32.94           | 82           |      | 20         | 130  |
| PB165398BL    | PB165398BL | BN035440.D | 1,4-Dioxane-d8                | 8              | 5.38            | 67           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 27.98           | 70           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 27.82           | 70           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 29.13           | 73           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 28.03           | 70           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 27.77           | 69           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 29.83           | 75           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 30.54           | 76           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: BN120624

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| PB165398BL    | PB165398BL | BN035440.D | 2,4-Dichlorophenol-d3         | 40             | 26.89           | 67           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 29.44           | 74           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 29.28           | 73           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 28.34           | 71           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 26.95           | 67           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 28.08           | 70           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 24.59           | 61           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 29.56           | 74           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 28.60           | 72           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 29.59           | 74           |      | 20         | 130  |
| PB165398BS    | PB165398BS | BN035451.D | 1,4-Dioxane-d8                | 8              | 5.06            | 63           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 27.43           | 69           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 29.02           | 73           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 27.78           | 69           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 28.23           | 71           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 28.83           | 72           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 29.87           | 75           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 30.42           | 76           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 28.90           | 72           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 25.38           | 63           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 27.50           | 69           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 26.97           | 67           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 30.20           | 75           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 26.78           | 67           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 32.73           | 82           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 27.33           | 68           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 28.64           | 72           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 28.85           | 72           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: BN120624

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P5104-20      | BHJ96     | BN035444.D | 1,4-Dioxane-d8                | 8              | 4.29            | 54           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 10.68           | 27           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 26.10           | 65           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 24.71           | 62           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 20.55           | 51           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 26.72           | 67           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 28.29           | 71           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 25.39           | 63           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 6.17            | 15           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 29.48           | 74           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 25.26           | 63           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 10.18           | 25           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 28.55           | 71           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 28.18           | 70           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 32.33           | 81           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 31.62           | 79           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 32.79           | 82           |      | 20         | 130  |
| P5104-21MS    | BHJ96MS   | BN035445.D | 1,4-Dioxane-d8                | 8              | 4.10            | 51           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 6.74            | 17           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 10.64           | 27           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 27.04           | 68           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 25.22           | 63           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 21.71           | 54           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 29.33           | 73           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 30.37           | 76           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 28.38           | 71           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 24.96           | 62           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 31.16           | 78           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 28.39           | 71           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 10.49           | 26           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 29.79           | 74           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 37.06           | 93           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 30.80           | 77           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 30.81           | 77           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 32.65           | 82           |      | 20         | 130  |
| P5104-22MSD   | BHJ96MSD  | BN035446.D | 1,4-Dioxane-d8                | 8              | 3.91            | 49           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 6.85            | 17           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 11.68           | 29           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 29.03           | 73           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 26.76           | 67           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 23.50           | 59           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 32.06           | 80           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 32.98           | 82           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 29.67           | 74           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 26.62           | 67           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 33.33           | 83           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 30.19           | 75           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 11.46           | 29           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BN120624

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P5104-22MSD   | BHJ96MSD   | BN035446.D | Fluorene-d10                  | 40             | 30.77           | 77           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 39.13           | 98           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 32.75           | 82           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 34.34           | 86           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 35.26           | 88           |      | 20         | 130  |
| PB165400BL    | PB165400BL | BN035441.D | 1,4-Dioxane-d8                | 8              | 4.94            | 62           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 23.70           | 59           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 23.38           | 58           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 24.73           | 62           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 23.29           | 58           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 23.44           | 59           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 25.38           | 63           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 25.55           | 64           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 22.91           | 57           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 25.17           | 63           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 25.30           | 63           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 24.13           | 60           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 21.83           | 55           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 23.86           | 60           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 20.66           | 52           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 25.30           | 63           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 24.44           | 61           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 25.67           | 64           |      | 20         | 130  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 4.89            | 61           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 28.21           | 71           |      | 20         | 120  |
| PB165400BS    | PB165400BS | BN035450.D | Phenol-d5                     | 40             | 29.42           | 74           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 28.31           | 71           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 28.78           | 72           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 29.14           | 73           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 29.46           | 74           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 30.47           | 76           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 28.89           | 72           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 24.90           | 62           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 27.58           | 69           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 27.24           | 68           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 30.89           | 77           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 26.76           | 67           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 31.61           | 79           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 27.04           | 68           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 28.55           | 71           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 29.26           | 73           |      | 20         | 130  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN120624

Lab Code: CHEM

SAS No.: BN120624

SDG NO.: BN120624

Lab File ID: BN035423.D

DFTPP Injection Date: 12/05/2024

Instrument ID: BNA\_N

DFTPP Injection Time: 12:33

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 22.9                 |
| 68  | Less than 2.0% of mass 69          | 0.0 ( 0.0 ) 1        |
| 69  | Mass 69 relative abundance         | 30.5                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 40.3                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.8                  |
| 275 | 10.0 - 60.0% of mass 198           | 28.9                 |
| 365 | Greater than 1% of mass 198        | 4.5                  |
| 441 | Present, but less than mass 443    | 12.7                 |
| 442 | Greater than 50% of mass 198       | 71.2                 |
| 443 | 15.0 - 24.0% of mass 442           | 14 ( 19.7 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| SSTD020353        | SSTDCCC020       | BN035424.D     | 12/05/2024       | 13:12            |
| SBLK386           | PB165386BL       | BN035425.D     | 12/05/2024       | 13:51            |
| SBLK388           | PB165388BL       | BN035426.D     | 12/05/2024       | 14:30            |
| BH437             | P5104-01         | BN035427.D     | 12/05/2024       | 15:09            |
| BHJ60             | P5104-03         | BN035428.D     | 12/05/2024       | 15:48            |
| BHJ61             | P5104-04         | BN035429.D     | 12/05/2024       | 16:27            |
| BHJ62             | P5104-05         | BN035430.D     | 12/05/2024       | 17:06            |
| BHJ63             | P5104-06         | BN035431.D     | 12/05/2024       | 17:45            |
| BHJ64             | P5104-07         | BN035432.D     | 12/05/2024       | 18:24            |
| BHJ65             | P5104-08         | BN035433.D     | 12/05/2024       | 19:03            |
| BHJ66             | P5104-09         | BN035434.D     | 12/05/2024       | 19:42            |
| BHJ67             | P5104-10         | BN035435.D     | 12/05/2024       | 20:21            |
| BHJ68             | P5104-11         | BN035436.D     | 12/05/2024       | 21:00            |
| SLCS388           | PB165388BS       | BN035437.D     | 12/05/2024       | 21:39            |
| SLCS386           | PB165386BS       | BN035438.D     | 12/05/2024       | 22:18            |
| SSTD020354        | SSTDCCC020       | BN035439.D     | 12/05/2024       | 23:36            |
| SBLK398           | PB165398BL       | BN035440.D     | 12/06/2024       | 00:15            |
| SBLK400           | PB165400BL       | BN035441.D     | 12/06/2024       | 00:54            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN120624

Lab Code: CHEM

SAS No.: BN120624

SDG NO.: BN120624

Lab File ID: BN035423.D

DFTPP Injection Date: 12/05/2024

Instrument ID: BNA\_N

DFTPP Injection Time: 12:33

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 22.9                 |
| 68  | Less than 2.0% of mass 69          | 0.0 ( 0.0 ) 1        |
| 69  | Mass 69 relative abundance         | 30.5                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 40.3                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.8                  |
| 275 | 10.0 - 60.0% of mass 198           | 28.9                 |
| 365 | Greater than 1% of mass 198        | 4.5                  |
| 441 | Present, but less than mass 443    | 12.7                 |
| 442 | Greater than 50% of mass 198       | 71.2                 |
| 443 | 15.0 - 24.0% of mass 442           | 14 ( 19.7 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| BHJ69             | P5104-12         | BN035442.D     | 12/06/2024       | 01:33            |
| BHJ70             | P5104-13         | BN035443.D     | 12/06/2024       | 02:12            |
| BHJ96             | P5104-20         | BN035444.D     | 12/06/2024       | 02:51            |
| BHJ96MS           | P5104-21MS       | BN035445.D     | 12/06/2024       | 03:30            |
| BHJ96MSD          | P5104-22MSD      | BN035446.D     | 12/06/2024       | 04:09            |
| BHJ71             | P5104-14         | BN035447.D     | 12/06/2024       | 04:47            |
| BHJ72             | P5104-15         | BN035448.D     | 12/06/2024       | 05:26            |
| BHJ73             | P5104-16         | BN035449.D     | 12/06/2024       | 06:05            |
| SLCS400           | PB165400BS       | BN035450.D     | 12/06/2024       | 06:44            |
| SLCS398           | PB165398BS       | BN035451.D     | 12/06/2024       | 07:23            |